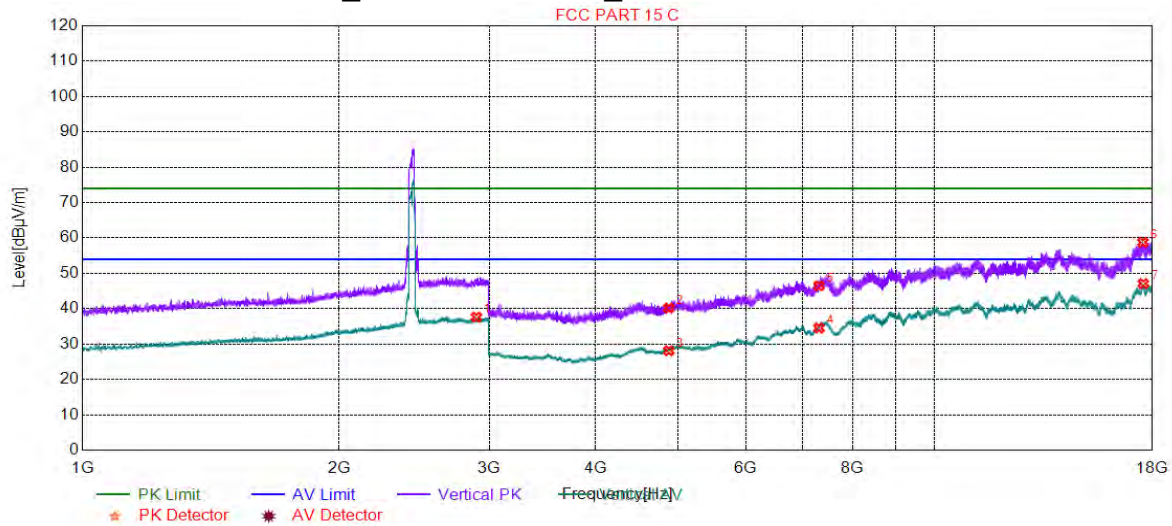


4.9.2.1.20 802.11N40_Middle Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2897.97	37.64	2.26	54.00	16.36	150	182	Vertical
2	4874.00	40.17	-19.37	74.00	33.83	150	181	Vertical
3	4874.00	28.13	-19.37	54.00	25.87	150	342	Vertical
4	7311.00	34.54	-11.50	54.00	19.46	150	262	Vertical
5	7311.00	46.47	-11.50	74.00	27.53	150	198	Vertical
6	17534.9	58.79	0.80	74.00	15.21	150	188	Vertical
7	17557.4	47.10	1.09	54.00	6.90	150	188	Vertical



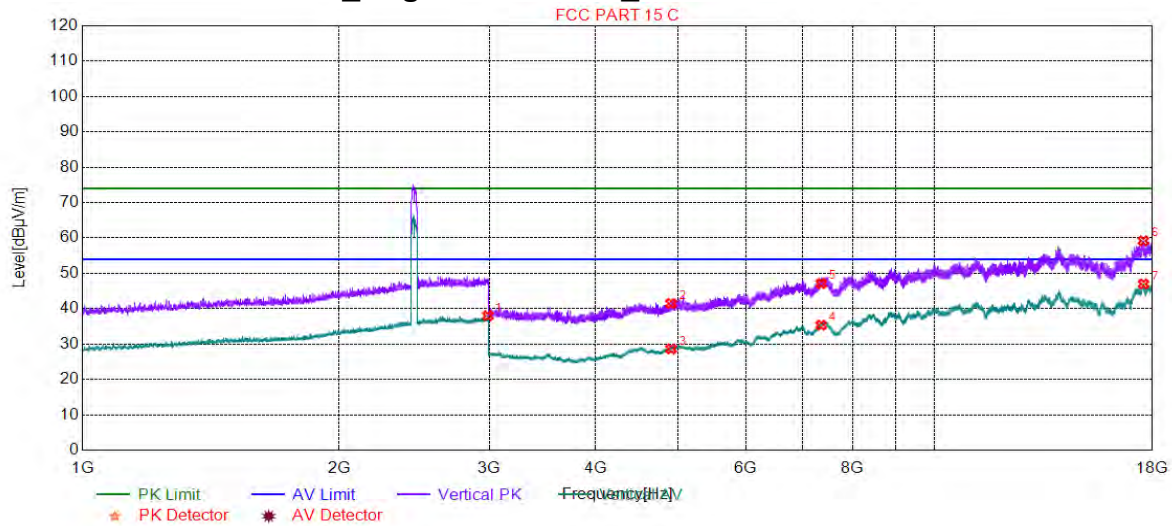
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4.9.2.1.21 802.11N40_Highest Channel_Vertical

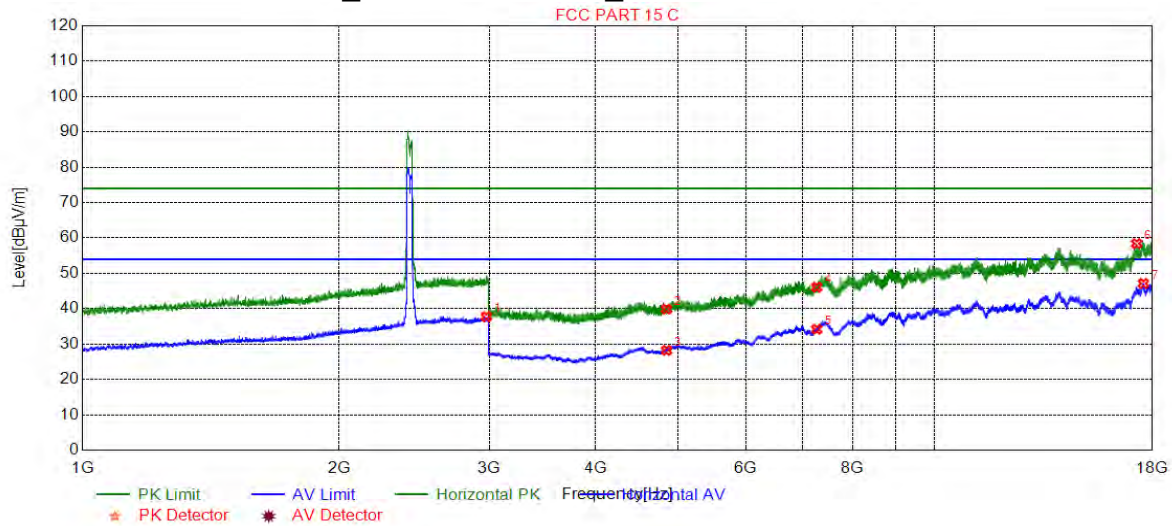


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2988.49	37.99	2.32	54.00	16.01	150	359	Vertical
2	4904.00	41.50	-18.98	74.00	32.50	150	325	Vertical
3	4904.00	28.63	-18.98	54.00	25.37	150	342	Vertical
4	7356.00	35.34	-11.03	54.00	18.66	150	228	Vertical
5	7356.00	47.13	-11.03	74.00	26.87	150	35	Vertical
6	17559.9	59.20	1.12	74.00	14.80	150	189	Vertical
7	17567.9	47.01	1.22	54.00	6.99	150	75	Vertical



4.9.2.1.22 802.11N40_Lowest Channel_Horizontal

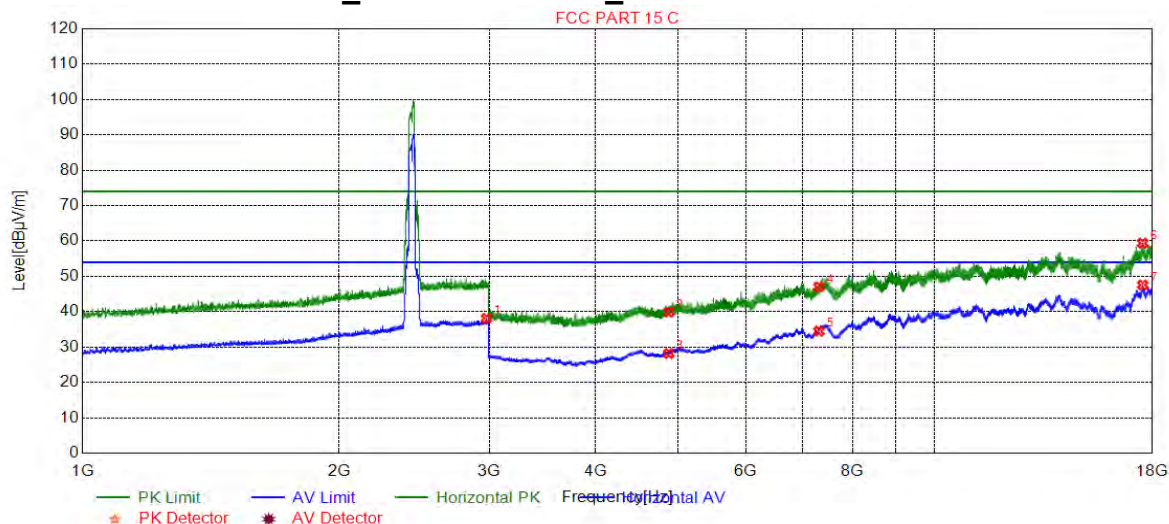


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2976.99	37.77	2.31	54.00	16.23	150	335	Horizontal
2	4844.00	39.88	-19.80	74.00	34.12	150	32	Horizontal
3	4844.00	28.22	-19.80	54.00	25.78	150	180	Horizontal
4	7266.00	46.08	-12.03	74.00	27.92	150	326	Horizontal
5	7266.00	34.20	-12.03	54.00	19.80	150	326	Horizontal
6	17247.9	58.43	-1.41	74.00	15.57	150	251	Horizontal
7	17564.4	47.13	1.18	54.00	6.87	150	251	Horizontal



4.9.2.1.23 802.11N40_Middle Channel_Horizontal

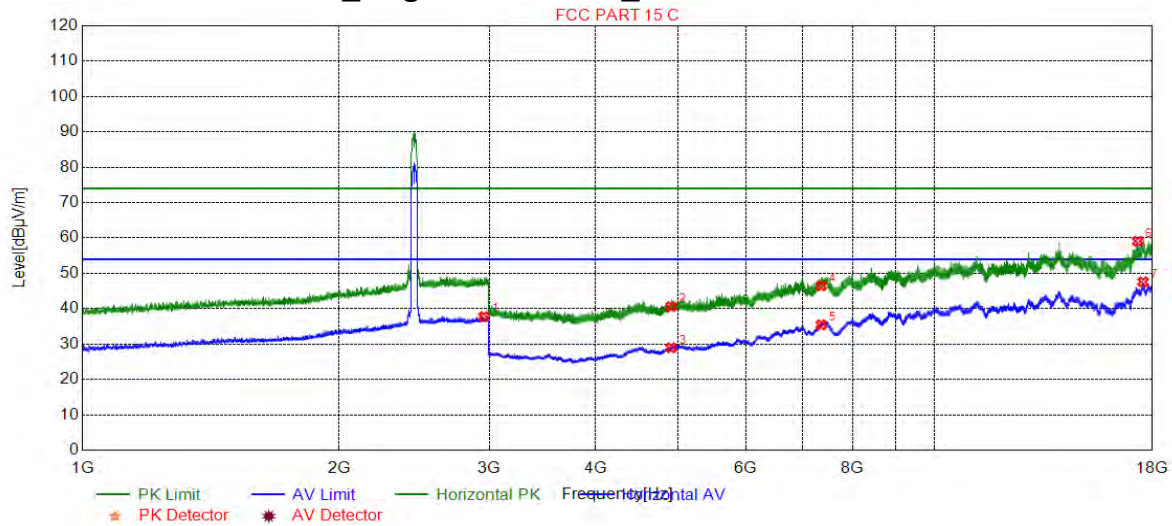


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2978.49	38.10	2.31	54.00	15.90	150	270	Horizontal
2	4874.00	39.89	-19.37	74.00	34.11	150	128	Horizontal
3	4874.00	28.20	-19.37	54.00	25.80	150	128	Horizontal
4	7311.00	47.04	-11.50	74.00	26.96	150	180	Horizontal
5	7311.00	34.50	-11.50	54.00	19.50	150	164	Horizontal
6	17525.9	59.39	0.68	74.00	14.61	150	274	Horizontal
7	17531.9	47.57	0.76	54.00	6.43	150	217	Horizontal



4.9.2.1.24 802.11N40_Highest Channel_Horizontal



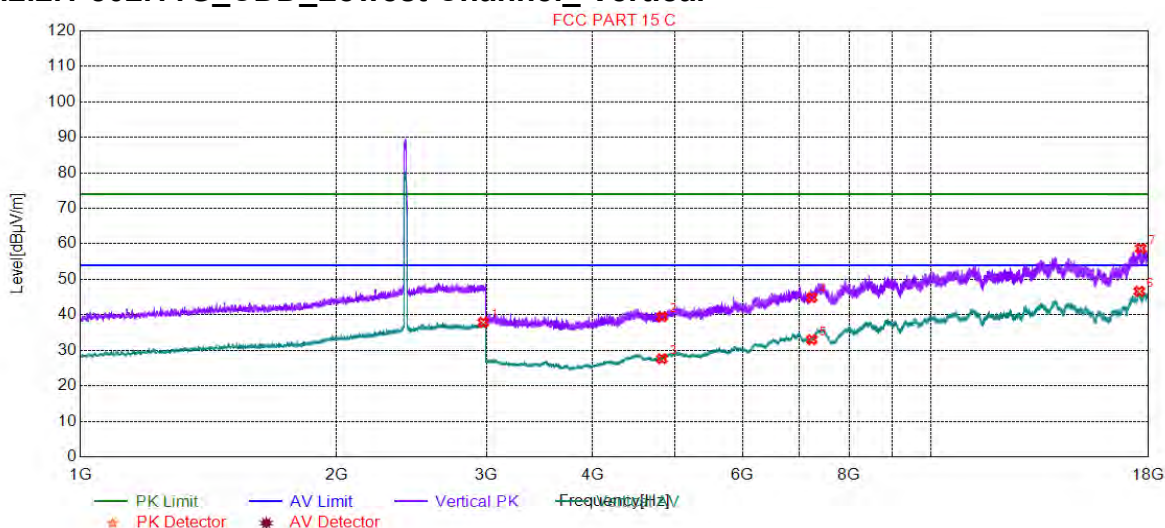
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2957.48	37.77	2.30	54.00	16.23	150	93	Horizontal
2	4904.00	40.60	-18.98	74.00	33.40	150	138	Horizontal
3	4904.00	28.95	-18.98	54.00	25.05	150	237	Horizontal
4	7356.00	46.48	-11.03	74.00	27.52	150	342	Horizontal
5	7356.00	35.46	-11.03	54.00	18.54	150	237	Horizontal
6	17300.4	59.08	-1.17	74.00	14.92	150	160	Horizontal
7	17545.9	47.60	0.94	54.00	6.40	150	357	Horizontal



4.9.2.2 CDD & MIMO

4.9.2.2.1 802.11G_CDD_Lowest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2974.49	37.86	2.31	54.00	16.14	150	209	Vertical
2	4824.00	39.47	-20.09	74.00	34.53	150	261	Vertical
3	4824.00	27.64	-20.09	54.00	26.36	150	261	Vertical
4	7236.00	44.89	-12.40	74.00	29.11	150	117	Vertical
5	7236.00	33.02	-12.40	54.00	20.98	150	68	Vertical
6	17549.9	46.63	0.99	54.00	7.37	150	133	Vertical
7	17622.9	58.72	1.03	74.00	15.28	150	218	Vertical



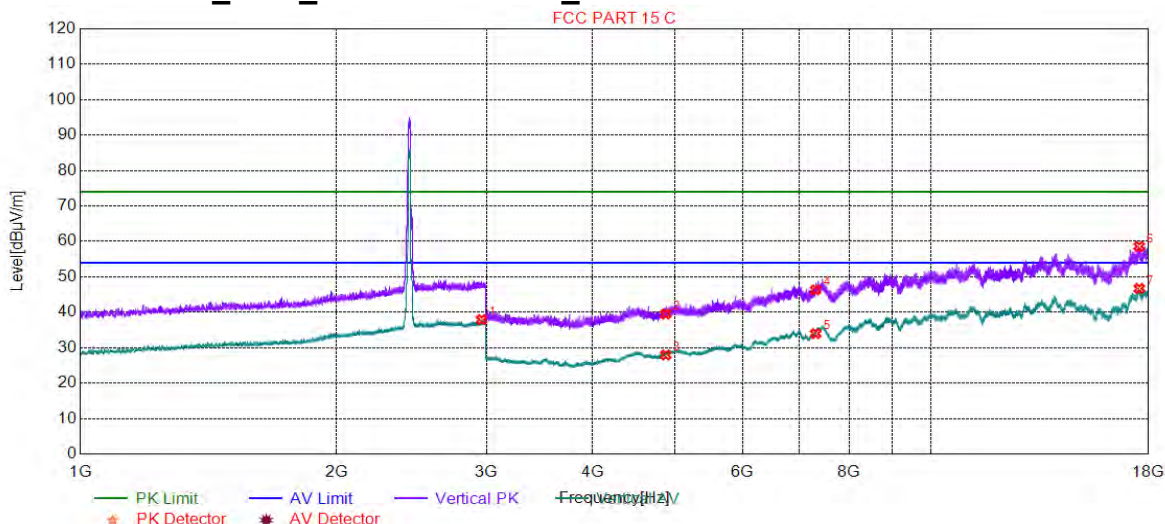
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4.9.2.2.2 802.11G_CDD_Middle Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2961.99	37.92	2.30	54.00	16.08	150	229	Vertical
2	4874.00	39.53	-19.37	74.00	34.47	150	188	Vertical
3	4874.00	27.95	-19.37	54.00	26.05	150	12	Vertical
4	7311.00	46.32	-11.50	74.00	27.68	150	220	Vertical
5	7311.00	33.99	-11.50	54.00	20.01	150	28	Vertical
6	17544.4	58.58	0.92	74.00	15.42	150	18	Vertical
7	17549.4	46.71	0.98	54.00	7.29	150	160	Vertical



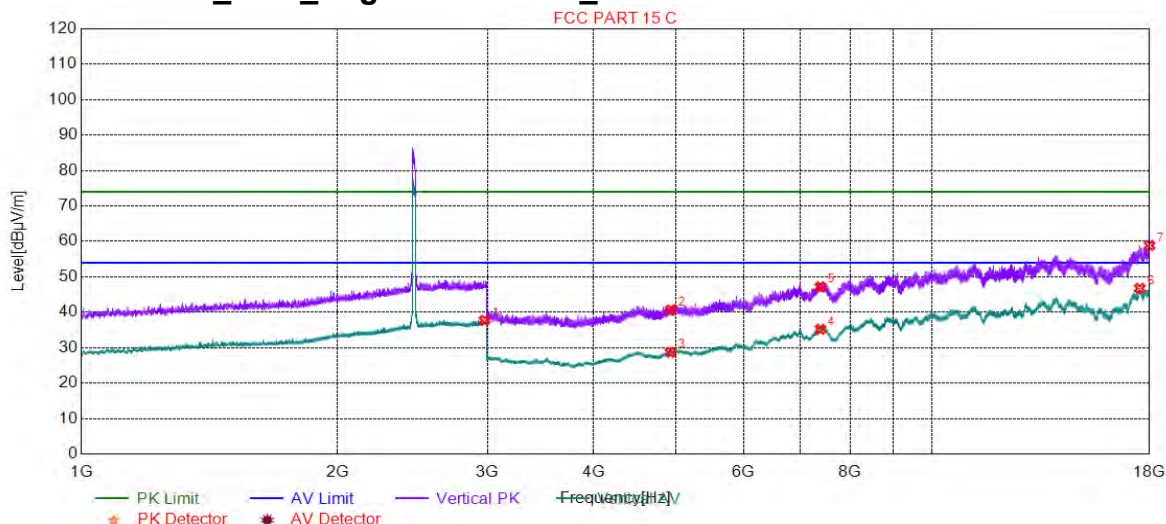
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4.9.2.2.3 802.11G_CDD_Highest Channel_Vertical

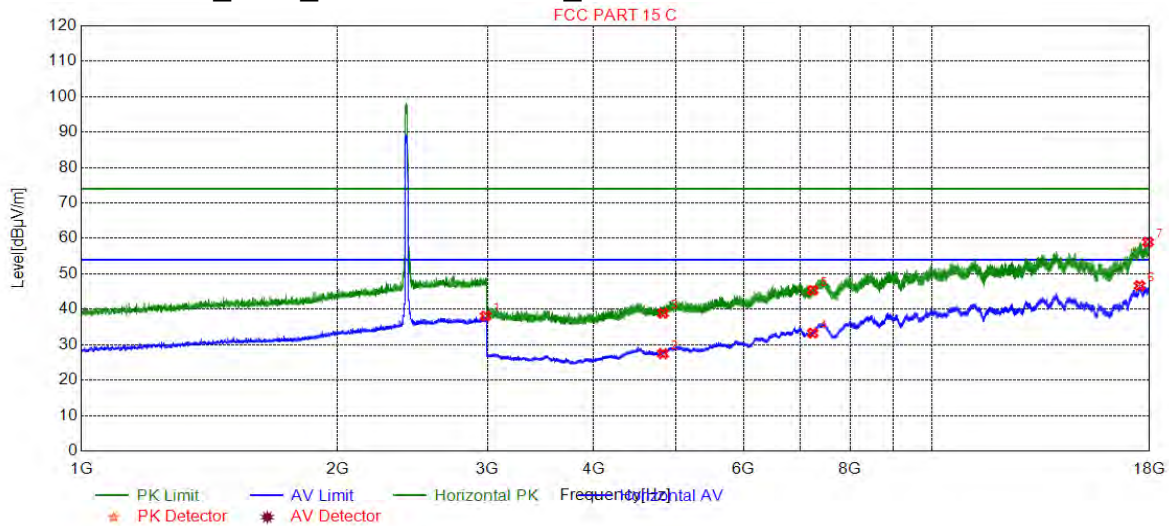


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2976.49	37.75	2.31	54.00	16.25	150	153	Vertical
2	4924.00	40.64	-18.87	74.00	33.36	150	294	Vertical
3	4924.00	28.71	-18.87	54.00	25.29	150	149	Vertical
4	7386.00	35.21	-10.72	54.00	18.79	150	342	Vertical
5	7386.00	47.17	-10.72	74.00	26.83	150	117	Vertical
6	17525.9	46.74	0.68	54.00	7.26	150	47	Vertical
7	17995.4	58.83	-0.38	74.00	15.17	150	330	Vertical



4.9.2.2.4 802.11G_CDD_Lowest Channel_Horizontal

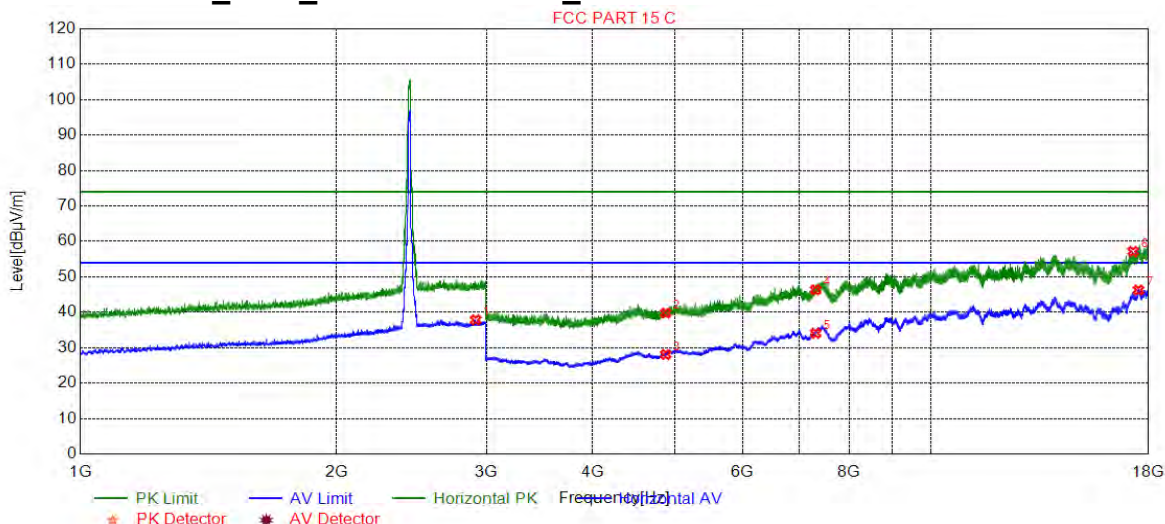


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2985.49	38.06	2.32	54.00	15.94	150	360	Horizontal
2	4824.00	27.48	-20.09	54.00	26.52	150	148	Horizontal
3	4824.00	38.89	-20.09	74.00	35.11	150	310	Horizontal
4	7236.00	33.29	-12.40	54.00	20.71	150	68	Horizontal
5	7236.00	45.37	-12.40	74.00	28.63	150	100	Horizontal
6	17517.4	46.67	0.57	54.00	7.33	150	302	Horizontal
7	17920.9	58.95	-0.95	74.00	15.05	150	18	Horizontal



4.9.2.2.5 802.11G_CDD_Middle Channel_Horizontal

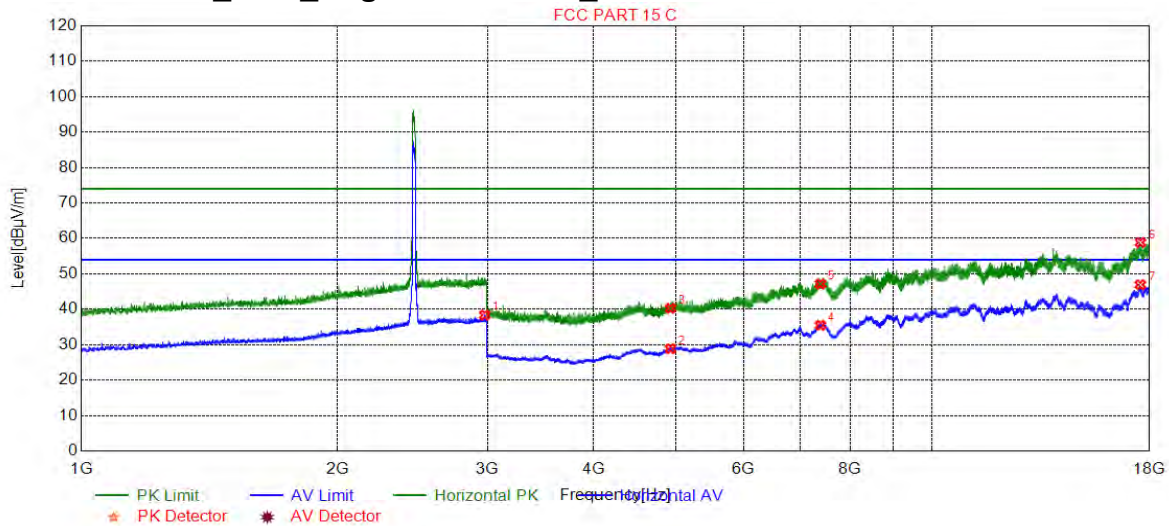


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2914.47	37.85	2.27	54.00	16.15	150	144	Horizontal
2	4874.00	39.79	-19.37	74.00	34.21	150	65	Horizontal
3	4874.00	28.09	-19.37	54.00	25.91	150	342	Horizontal
4	7311.00	46.34	-11.50	74.00	27.66	150	131	Horizontal
5	7311.00	34.08	-11.50	54.00	19.92	150	65	Horizontal
6	17258.4	57.17	-1.37	74.00	16.83	150	315	Horizontal
7	17512.9	46.27	0.52	54.00	7.73	150	229	Horizontal



4.9.2.2.6 802.11G_CDD_Highest Channel_Horizontal

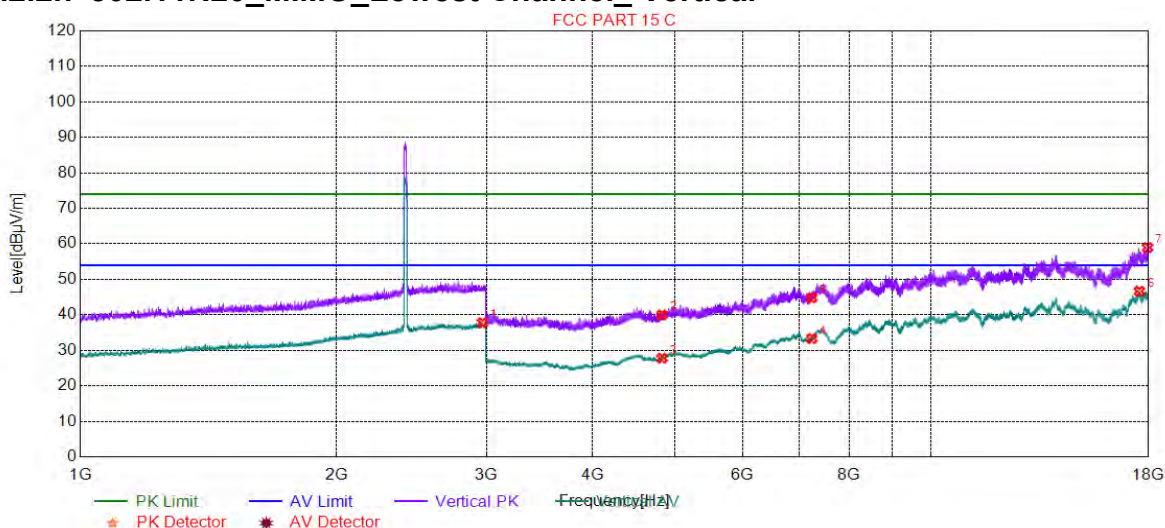


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2978.49	38.38	2.31	54.00	15.62	150	262	Horizontal
2	4924.00	28.86	-18.87	54.00	25.14	150	98	Horizontal
3	4924.00	40.28	-18.87	74.00	33.72	150	243	Horizontal
4	7386.00	35.50	-10.72	54.00	18.50	150	65	Horizontal
5	7386.00	47.17	-10.72	74.00	26.83	150	211	Horizontal
6	17553.4	58.84	1.03	74.00	15.16	150	75	Horizontal
7	17554.4	46.92	1.05	54.00	7.08	150	274	Horizontal



4.9.2.2.7 802.11N20_MIMO_Lowest Channel_Vertical

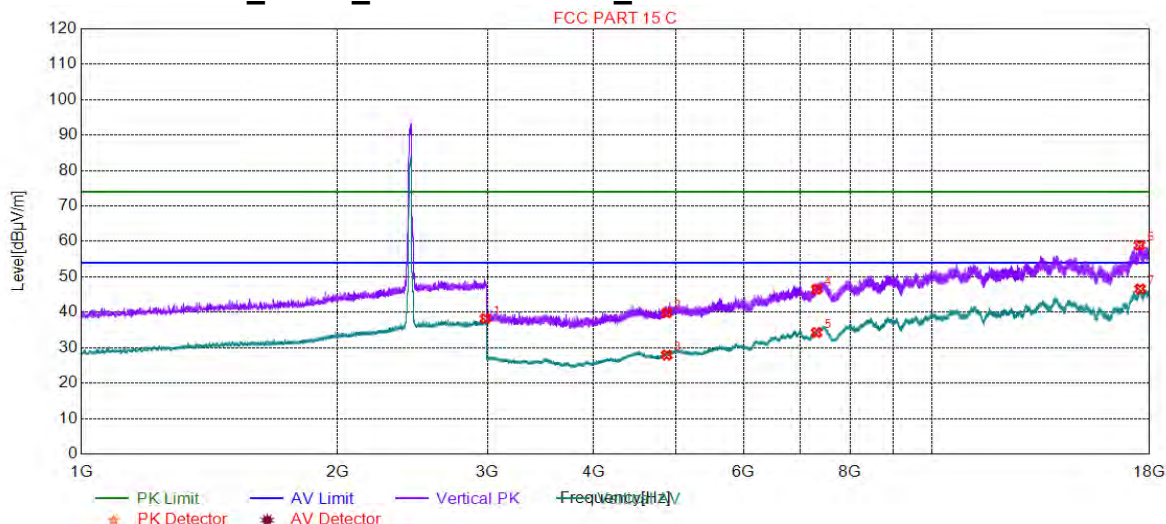


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2968.49	37.77	2.31	54.00	16.23	150	343	Vertical
2	4824.00	39.99	-20.09	74.00	34.01	150	181	Vertical
3	4824.00	27.80	-20.09	54.00	26.20	150	213	Vertical
4	7236.00	33.33	-12.40	54.00	20.67	150	68	Vertical
5	7236.00	44.78	-12.40	74.00	29.22	150	68	Vertical
6	17555.4	46.64	1.06	54.00	7.36	150	160	Vertical
7	17944.4	58.96	-0.77	74.00	15.04	150	330	Vertical

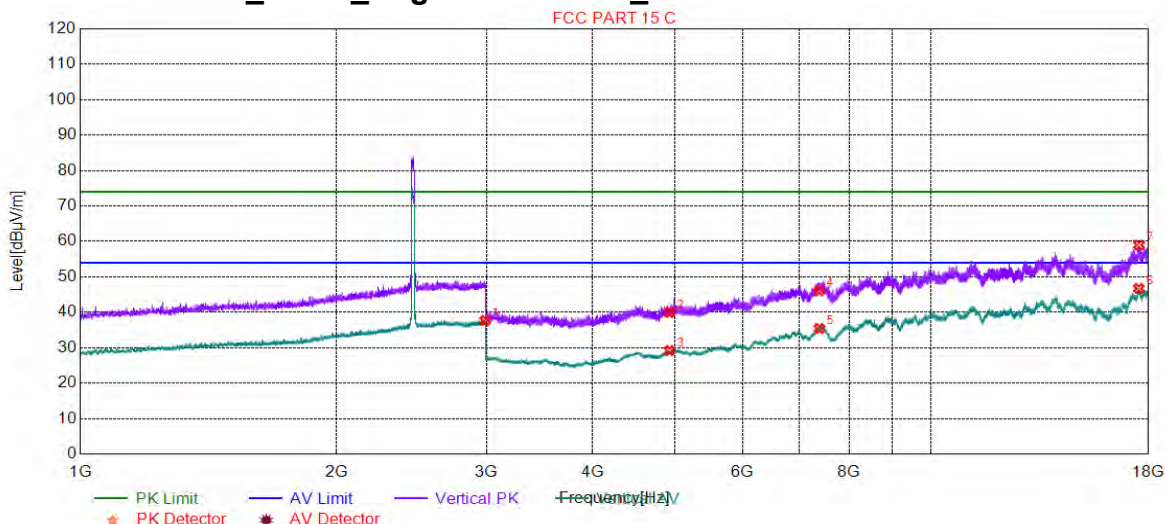


4.9.2.2.8 802.11N20_MIMO_Middle Channel_Vertical



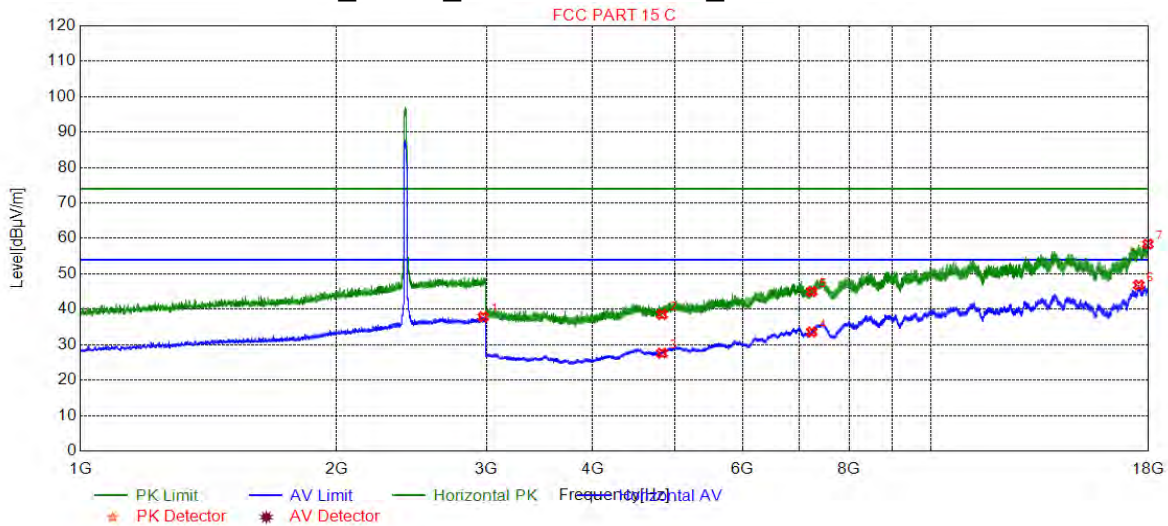
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2984.99	38.25	2.32	54.00	15.75	150	135	Vertical
2	4874.00	39.87	-19.37	74.00	34.13	150	261	Vertical
3	4874.00	27.93	-19.37	54.00	26.07	150	342	Vertical
4	7311.00	46.52	-11.50	74.00	27.48	150	179	Vertical
5	7311.00	34.29	-11.50	54.00	19.71	150	163	Vertical
6	17514.4	58.91	0.54	74.00	15.09	150	161	Vertical
7	17544.9	46.60	0.93	54.00	7.40	150	276	Vertical

4.9.2.2.9 802.11N20_MIMO_Highest_Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2989.49	37.70	2.32	54.00	16.30	150	84	Vertical
2	4924.00	39.94	-18.87	74.00	34.06	150	326	Vertical
3	4924.00	29.18	-18.87	54.00	24.82	150	130	Vertical
4	7386.00	46.08	-10.72	74.00	27.92	150	212	Vertical
5	7386.00	35.42	-10.72	54.00	18.58	150	163	Vertical
6	17527.9	46.71	0.71	54.00	7.29	150	189	Vertical
7	17536.9	58.97	0.82	74.00	15.03	150	357	Vertical

4.9.2.2.10 802.11N20_MIMO_Lowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2974.49	37.85	2.31	54.00	16.15	150	136	Horizontal
2	4824.00	38.55	-20.09	74.00	35.45	150	305	Horizontal
3	4824.00	27.63	-20.09	54.00	26.37	150	198	Horizontal
4	7236.00	33.61	-12.40	54.00	20.39	150	69	Horizontal
5	7236.00	45.01	-12.40	74.00	28.99	150	273	Horizontal
6	17525.9	46.81	0.68	54.00	7.19	150	161	Horizontal
7	17966.4	58.40	-0.60	74.00	15.60	150	161	Horizontal



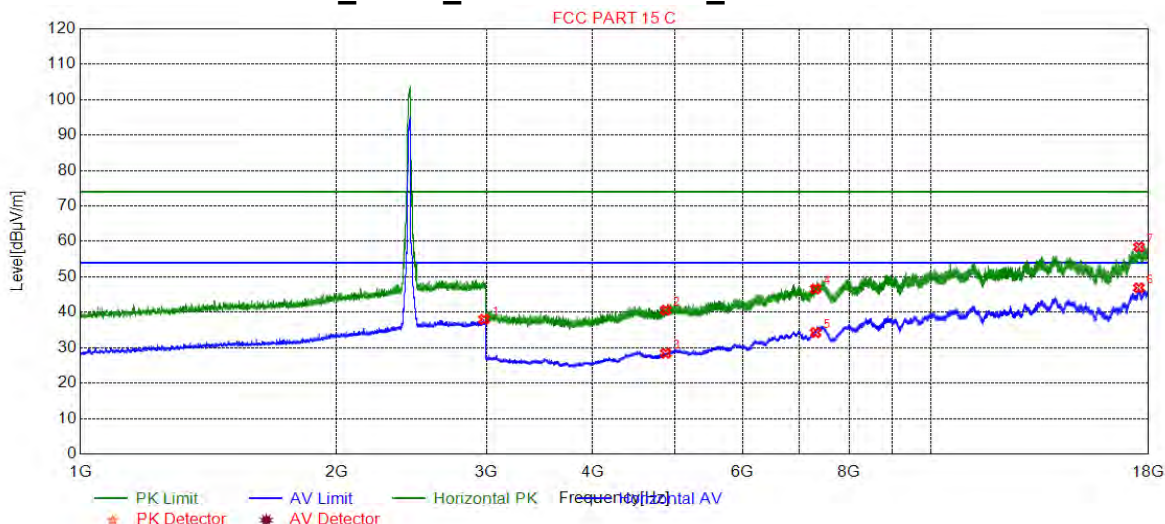
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4.9.2.2.11 802.11N20_MIMO_Middle Channel_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2981.49	38.00	2.32	54.00	16.00	150	56	Horizontal
2	4874.00	40.60	-19.37	74.00	33.40	150	342	Horizontal
3	4874.00	28.44	-19.37	54.00	25.56	150	114	Horizontal
4	7311.00	46.60	-11.50	74.00	27.40	150	244	Horizontal
5	7311.00	34.26	-11.50	54.00	19.74	150	228	Horizontal
6	17529.9	46.90	0.73	54.00	7.10	150	246	Horizontal
7	17535.4	58.44	0.80	74.00	15.56	150	275	Horizontal



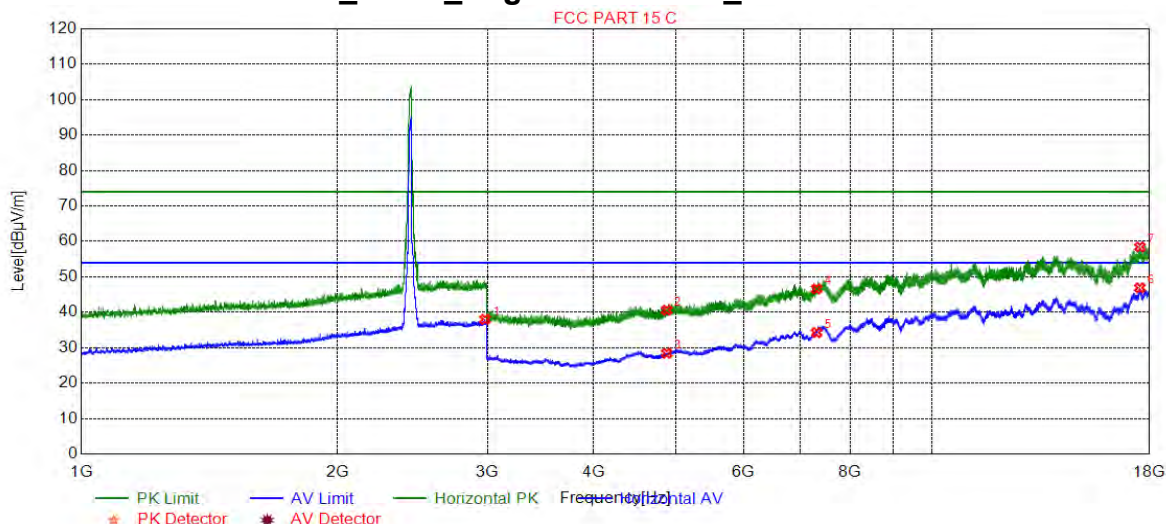
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4.9.2.2.12 802.11N20_MIMO_Highest Channel_Horizontal

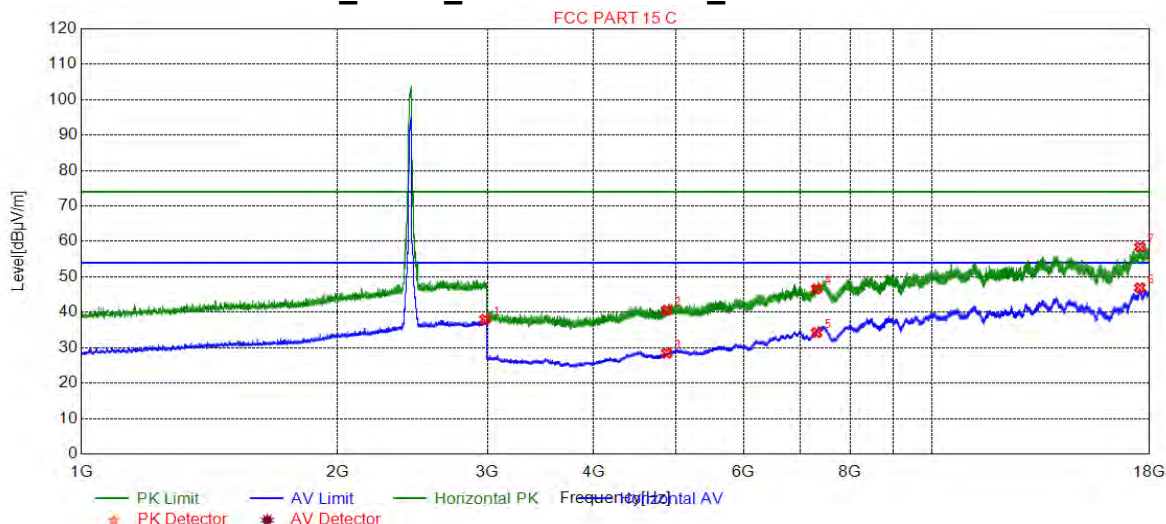


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2981.49	38.00	2.32	54.00	16.00	150	56	Horizontal
2	4874.00	40.60	-19.37	74.00	33.40	150	342	Horizontal
3	4874.00	28.44	-19.37	54.00	25.56	150	114	Horizontal
4	7311.00	46.60	-11.50	74.00	27.40	150	244	Horizontal
5	7311.00	34.26	-11.50	54.00	19.74	150	228	Horizontal
6	17529.9	46.90	0.73	54.00	7.10	150	246	Horizontal
7	17535.4	58.44	0.80	74.00	15.56	150	275	Horizontal



4.9.2.2.13 802.11N40_MIMO_Lowest Channel_Vertical

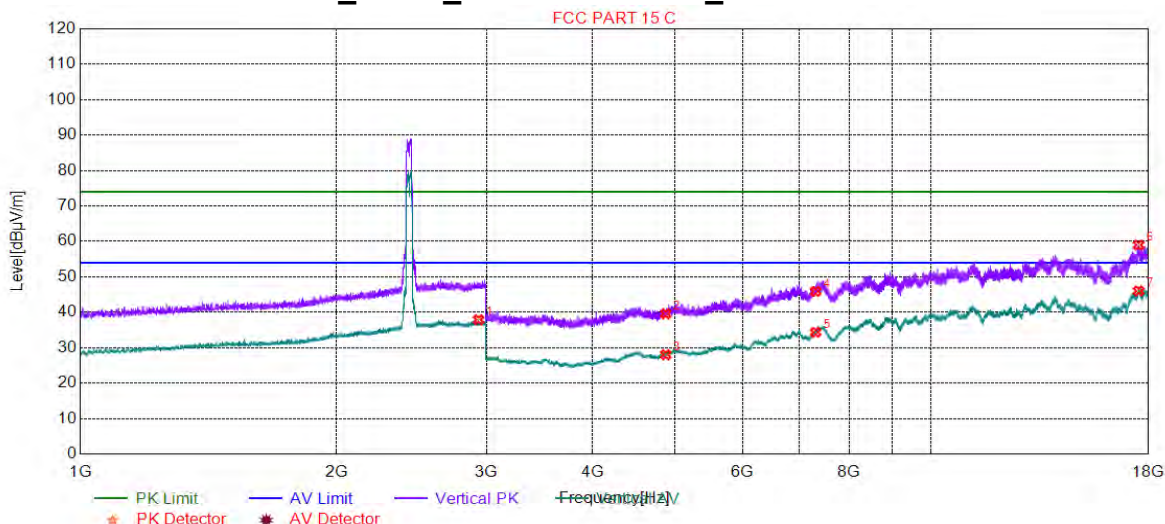


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2981.49	38.00	2.32	54.00	16.00	150	56	Horizontal
2	4874.00	40.60	-19.37	74.00	33.40	150	342	Horizontal
3	4874.00	28.44	-19.37	54.00	25.56	150	114	Horizontal
4	7311.00	46.60	-11.50	74.00	27.40	150	244	Horizontal
5	7311.00	34.26	-11.50	54.00	19.74	150	228	Horizontal
6	17529.9	46.90	0.73	54.00	7.10	150	246	Horizontal
7	17535.4	58.44	0.80	74.00	15.56	150	275	Horizontal



4.9.2.2.14 802.11N40_MIMO_Middle Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2936.98	37.90	2.29	54.00	16.10	150	41	Vertical
2	4874.00	39.59	-19.37	74.00	34.41	150	164	Vertical
3	4874.00	28.03	-19.37	54.00	25.97	150	4	Vertical
4	7311.00	45.89	-11.50	74.00	28.11	150	0	Vertical
5	7311.00	34.37	-11.50	54.00	19.63	150	0	Vertical
6	17516.4	58.98	0.56	74.00	15.02	150	274	Vertical
7	17520.4	46.03	0.61	54.00	7.97	150	103	Vertical



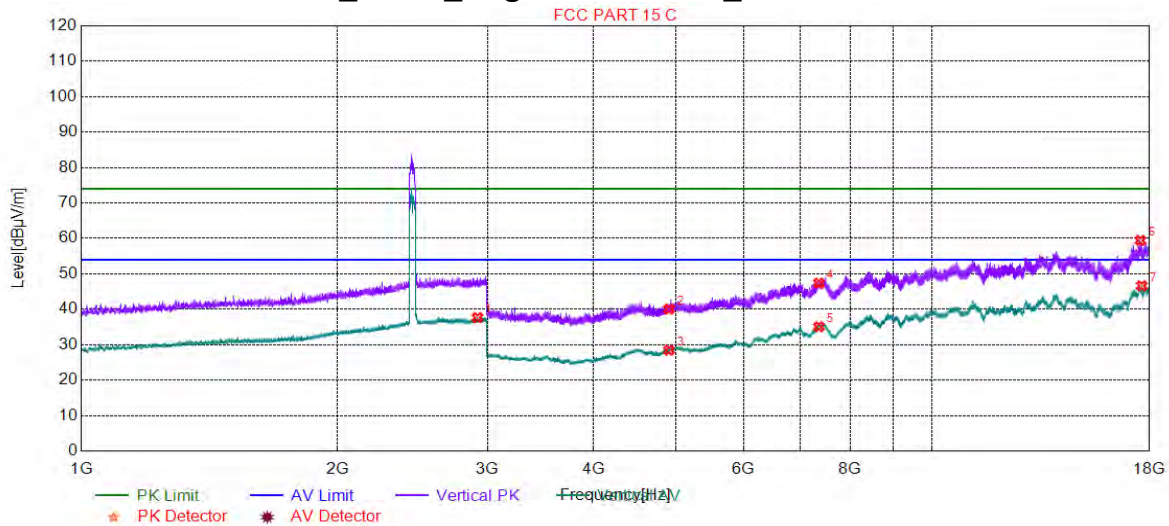
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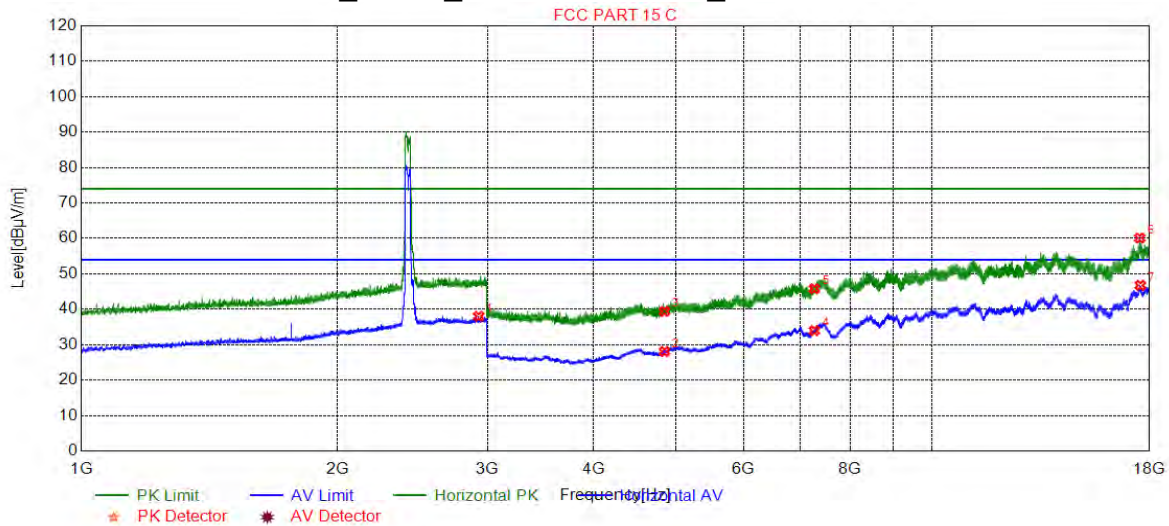
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4.9.2.2.15 802.11N40_MIMO_Highest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2920.98	37.66	2.27	54.00	16.34	150	130	Vertical
2	4904.00	40.03	-18.98	74.00	33.97	150	325	Vertical
3	4904.00	28.46	-18.98	54.00	25.54	150	68	Vertical
4	7356.00	47.38	-11.03	74.00	26.62	150	36	Vertical
5	7356.00	35.08	-11.03	54.00	18.92	150	196	Vertical
6	17555.4	59.44	1.06	74.00	14.56	150	133	Vertical
7	17620.9	46.62	1.08	54.00	7.38	150	247	Vertical

4.9.2.2.16 802.11N40_MIMO_Lowest Channel_Horizontal

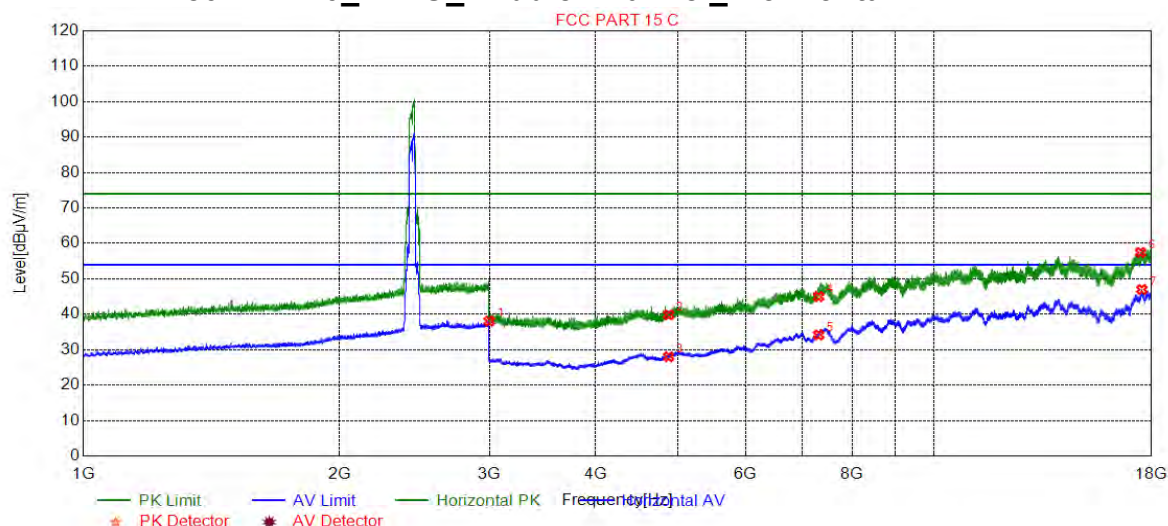


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2930.48	38.00	2.28	54.00	16.00	150	34	Horizontal
2	4844.00	28.07	-19.80	54.00	25.93	150	228	Horizontal
3	4844.00	39.41	-19.80	74.00	34.59	150	148	Horizontal
4	7266.00	33.98	-12.03	54.00	20.02	150	326	Horizontal
5	7266.00	45.80	-12.03	74.00	28.20	150	245	Horizontal
6	17526.4	60.11	0.69	74.00	13.89	150	274	Horizontal
7	17551.4	46.75	1.01	54.00	7.25	150	74	Horizontal



4.9.2.2.17 802.11N40_MIMO_Middle Channel_Horizontal

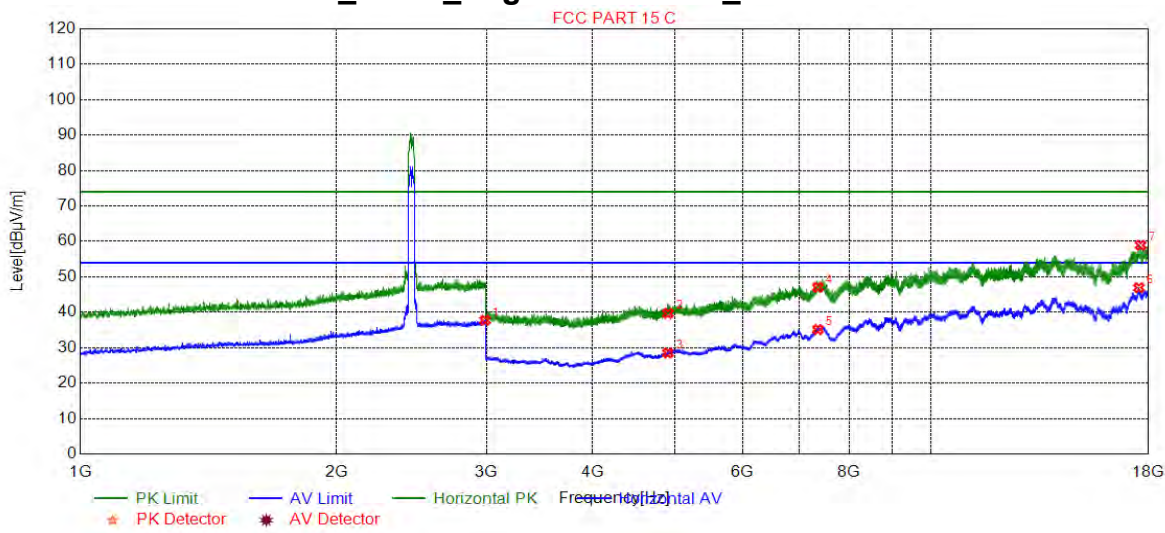


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2998.49	38.05	2.33	54.00	15.95	150	161	Horizontal
2	4874.00	39.84	-19.37	74.00	34.16	150	229	Horizontal
3	4874.00	28.02	-19.37	54.00	25.98	150	229	Horizontal
4	7311.00	44.98	-11.50	74.00	29.02	150	116	Horizontal
5	7311.00	34.16	-11.50	54.00	19.84	150	100	Horizontal
6	17472.4	57.46	-0.02	74.00	16.54	150	75	Horizontal
7	17531.9	46.99	0.76	54.00	7.01	150	360	Horizontal



4.9.2.2.18 802.11N40_MIMO_Highest Channel_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2988.49	37.75	2.32	54.00	16.25	150	300	Horizontal
2	4904.00	39.68	-18.98	74.00	34.32	150	202	Horizontal
3	4904.00	28.53	-18.98	54.00	25.47	150	342	Horizontal
4	7356.00	47.06	-11.03	74.00	26.94	150	272	Horizontal
5	7356.00	35.14	-11.03	54.00	18.86	150	164	Horizontal
6	17532.9	46.95	0.77	54.00	7.05	150	18	Horizontal
7	17610.9	58.92	1.34	74.00	15.08	150	303	Horizontal

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz and 18GHz to 25GHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.
- 4) All Modes have been tested, but only the worst case data displayed in this report.



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4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205		
Test Method:	ANSI C63.10: 2013 Section 11.12		
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			

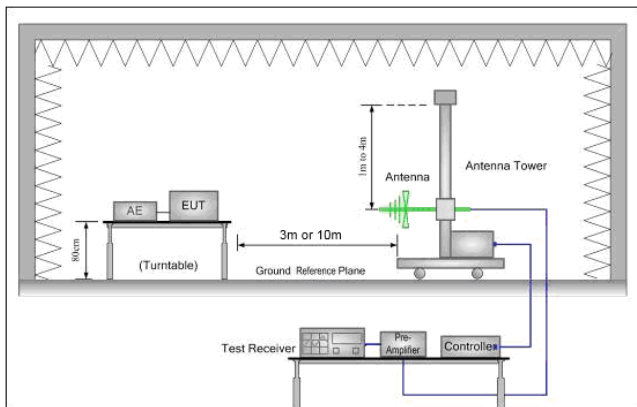


Figure 1. 30MHz to 1GHz

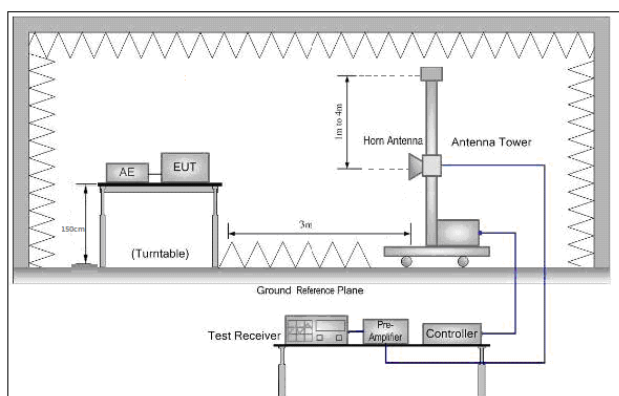


Figure 2. Above 1 GHz



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Test Procedure:	a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel h. Test the EUT in the lowest channel , the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.
Final Test Mode:	Pretest the EUT at Charge +Transmitting mode. Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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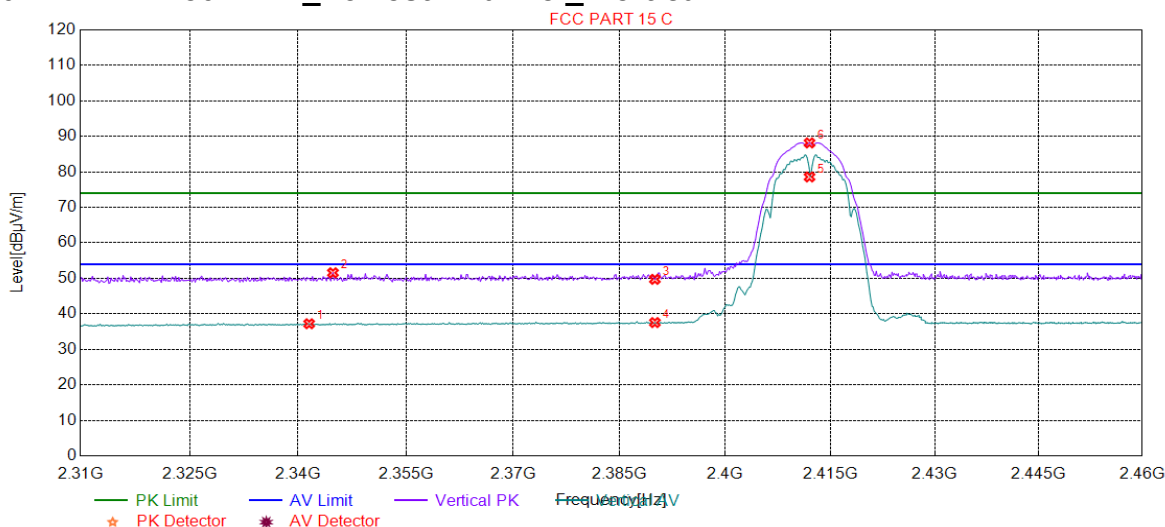
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Test plot as follows:

4.10.1 SISO

4.10.1.1 802.11B_Lowest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2341.53	37.22	1.03	54.00	16.78	150	26	Vertical
2	2344.83	51.57	1.05	74.00	22.43	150	40	Vertical
3	2390.00	49.73	1.25	74.00	24.27	150	274	Vertical
4	2390.00	37.55	1.25	54.00	16.45	150	235	Vertical
5	2412.00	78.57	1.32	54.00	-24.57	150	151	Vertical
6	2412.00	88.15	1.32	74.00	-14.15	150	151	Vertical



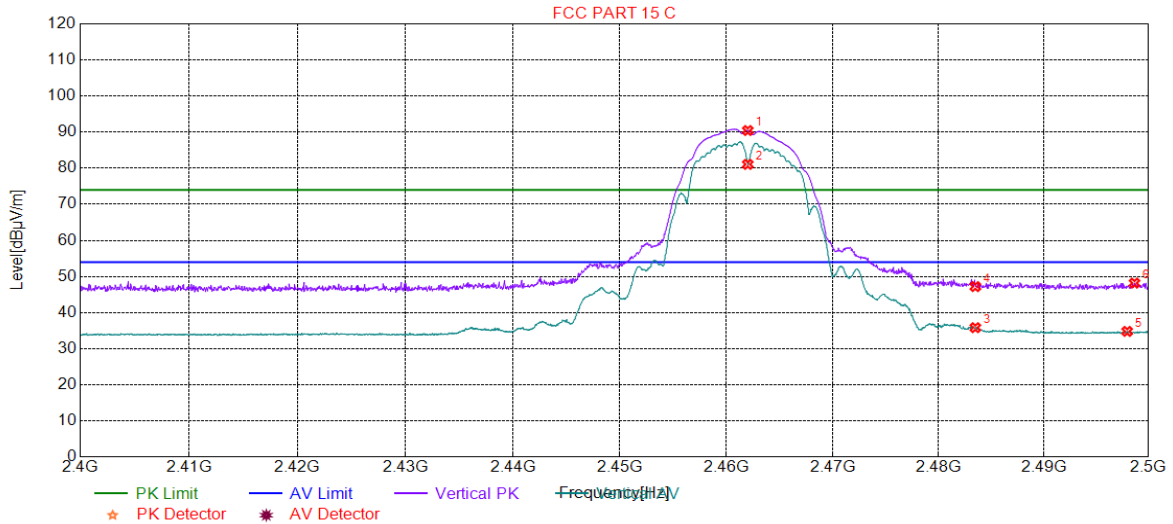
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4.10.1.2 802.11B_Highest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	90.45	1.46	74.00	-16.45	150	235	Vertical
2	2462.00	81.07	1.46	54.00	-27.07	150	349	Vertical
3	2483.50	35.82	1.52	54.00	18.18	150	189	Vertical
4	2483.50	47.20	1.52	74.00	26.80	150	98	Vertical
5	2497.94	34.79	1.56	54.00	19.21	150	308	Vertical
6	2498.64	48.17	1.57	74.00	25.83	150	25	Vertical



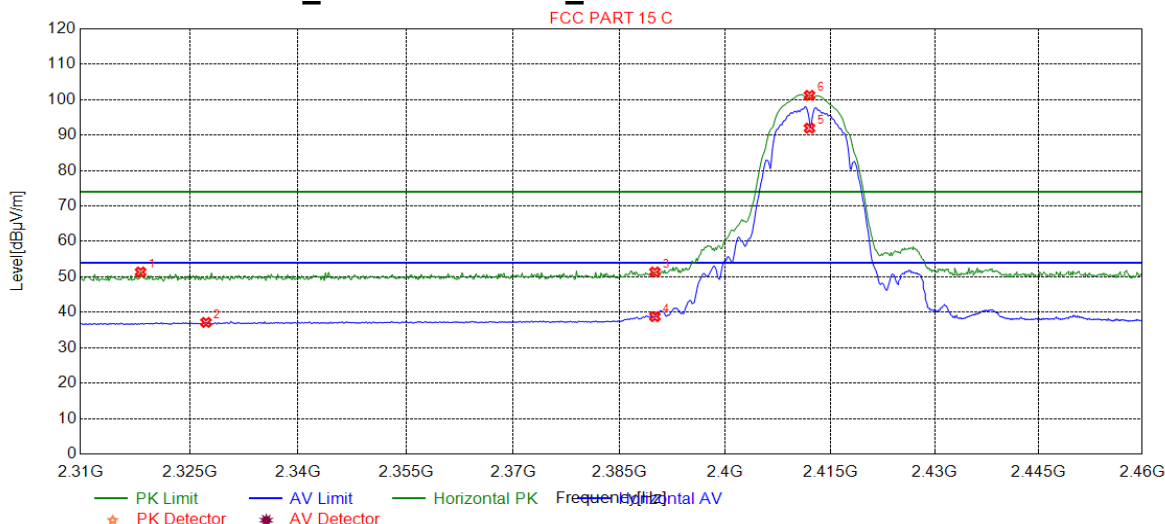
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4.10.1.3 802.11B_Lowest Channel_Horizontal

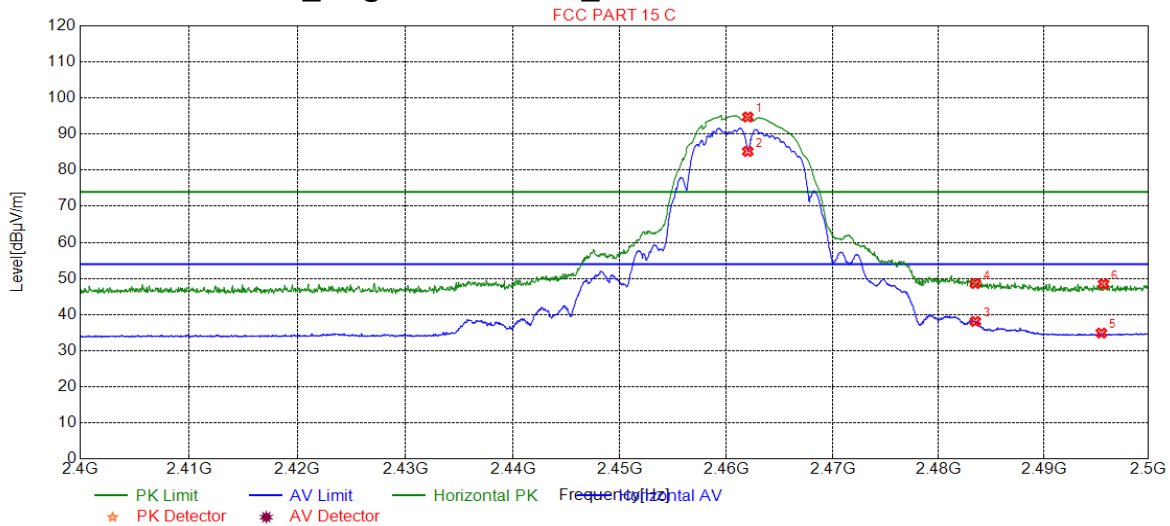


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2318.25	51.37	0.93	74.00	22.63	150	50	Horizontal
2	2327.26	37.15	0.97	54.00	16.85	150	185	Horizontal
3	2390.00	51.38	1.25	74.00	22.62	150	340	Horizontal
4	2390.00	38.78	1.25	54.00	15.22	150	44	Horizontal
5	2412.00	91.98	1.32	54.00	-37.98	150	40	Horizontal
6	2412.00	101.21	1.32	74.00	-27.21	150	47	Horizontal



4.10.1.4 802.11B_Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	94.75	1.46	74.00	-20.75	150	189	Horizontal
2	2462.00	85.20	1.46	54.00	-31.20	150	151	Horizontal
3	2483.50	38.12	1.52	54.00	15.88	150	192	Horizontal
4	2483.50	48.59	1.52	74.00	25.41	150	144	Horizontal
5	2495.49	34.88	1.56	54.00	19.12	150	294	Horizontal
6	2495.69	48.49	1.56	74.00	25.51	150	222	Horizontal



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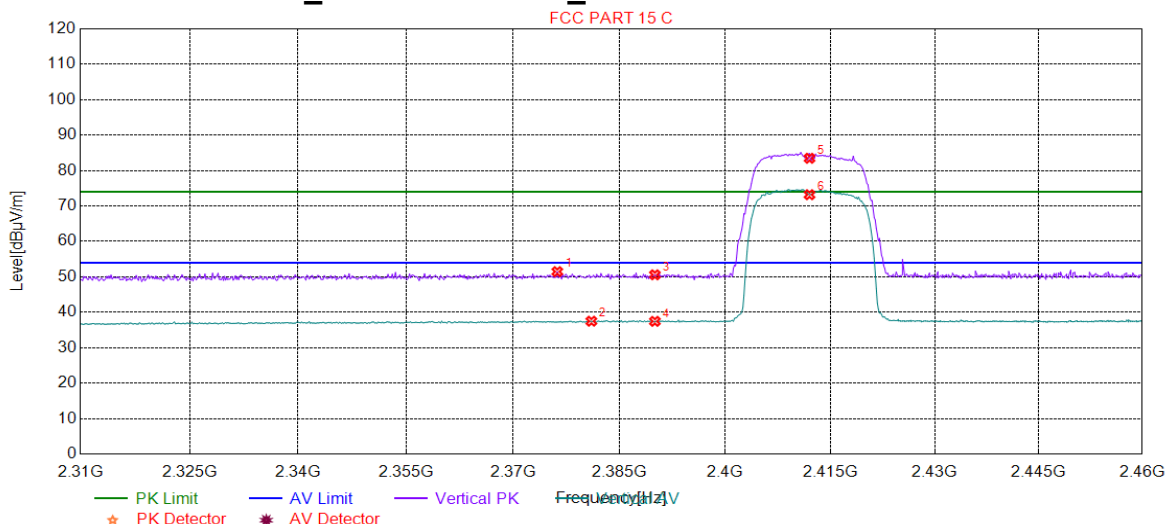
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4.10.1.5 802.11G_Lowest Channel_Vertical

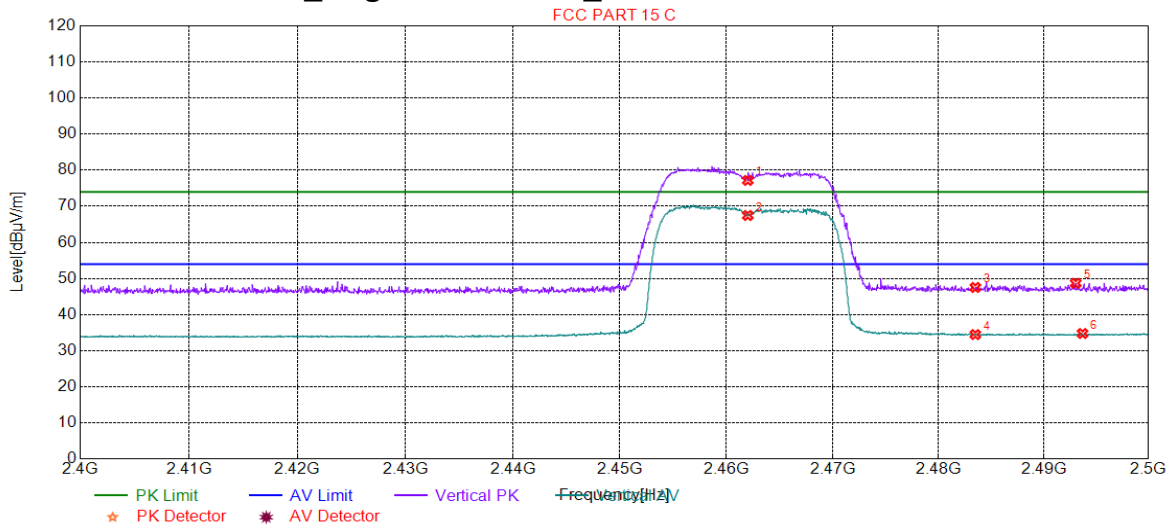


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2376.21	51.48	1.19	74.00	22.52	150	353	Vertical
2	2381.02	37.49	1.21	54.00	16.51	150	92	Vertical
3	2390.00	50.58	1.25	74.00	23.42	150	234	Vertical
4	2390.00	37.45	1.25	54.00	16.55	150	258	Vertical
5	2412.00	83.47	1.32	74.00	-9.47	150	170	Vertical
6	2412.00	73.19	1.32	54.00	-19.19	150	167	Vertical



4.10.1.6 802.11G_Highest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	77.17	1.46	74.00	-3.17	150	77	Vertical
2	2462.00	67.46	1.46	54.00	-13.46	150	73	Vertical
3	2483.50	47.52	1.52	74.00	26.48	150	360	Vertical
4	2483.50	34.46	1.52	54.00	19.54	150	291	Vertical
5	2493.04	48.68	1.55	74.00	25.32	150	186	Vertical
6	2493.69	34.76	1.55	54.00	19.24	150	77	Vertical



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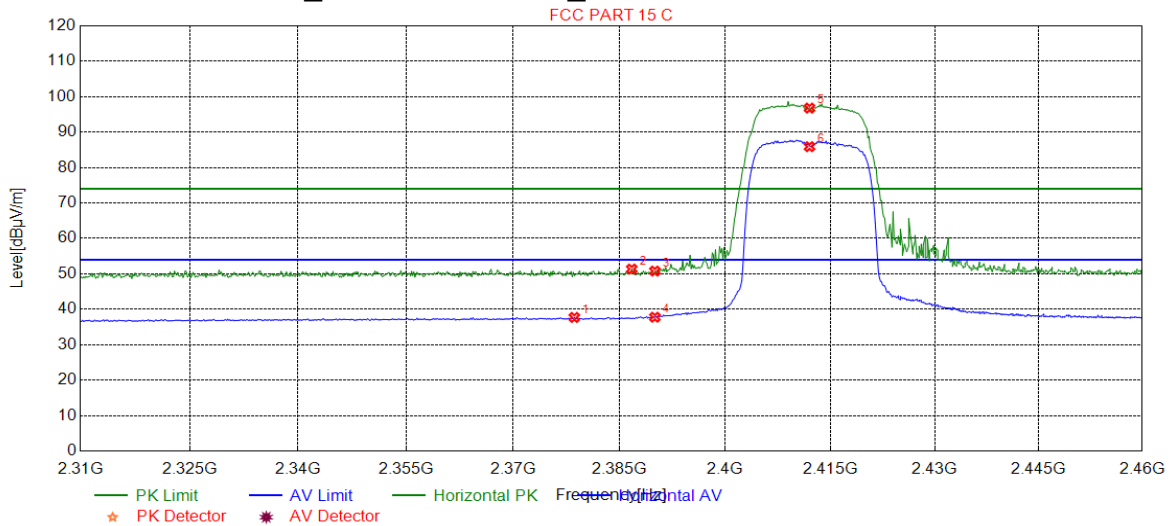
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4.10.1.7 802.11G_Lowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2378.61	37.71	1.20	54.00	16.29	150	268	Horizontal
2	2386.72	51.36	1.23	74.00	22.64	150	346	Horizontal
3	2390.00	50.79	1.25	74.00	23.21	150	95	Horizontal
4	2390.00	37.77	1.25	54.00	16.23	150	101	Horizontal
5	2412.00	96.78	1.32	74.00	-22.78	150	72	Horizontal
6	2412.00	85.90	1.32	54.00	-31.90	150	51	Horizontal

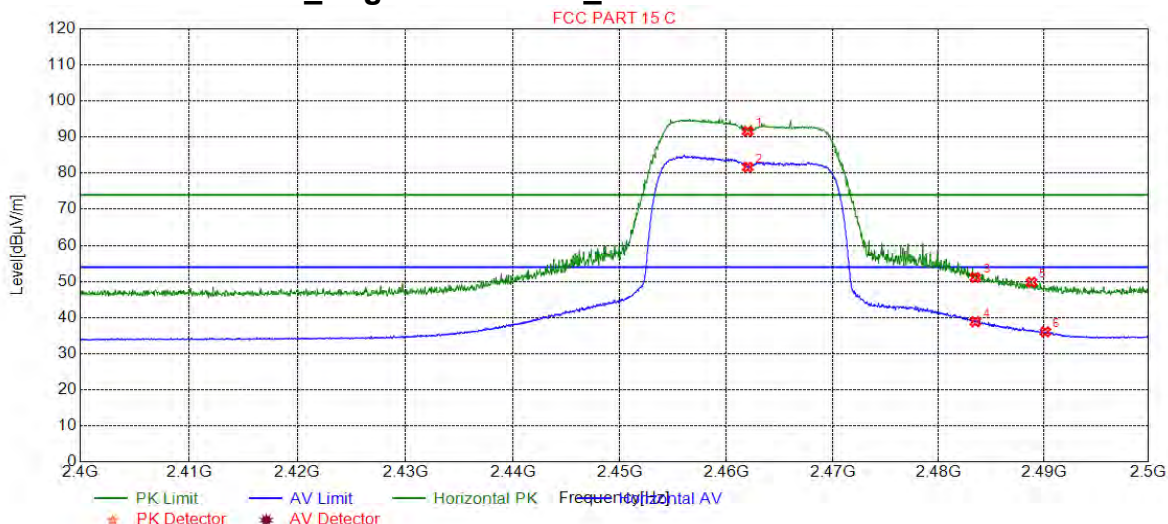


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4.10.1.8 802.11G_Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	91.61	1.46	74.00	-17.61	150	61	Horizontal
2	2462.00	81.69	1.46	54.00	-27.69	150	57	Horizontal
3	2483.50	51.10	1.52	74.00	22.90	150	76	Horizontal
4	2483.50	38.86	1.52	54.00	15.14	150	65	Horizontal
5	2488.84	49.79	1.54	74.00	24.21	150	42	Horizontal
6	2490.14	36.05	1.54	54.00	17.95	150	61	Horizontal



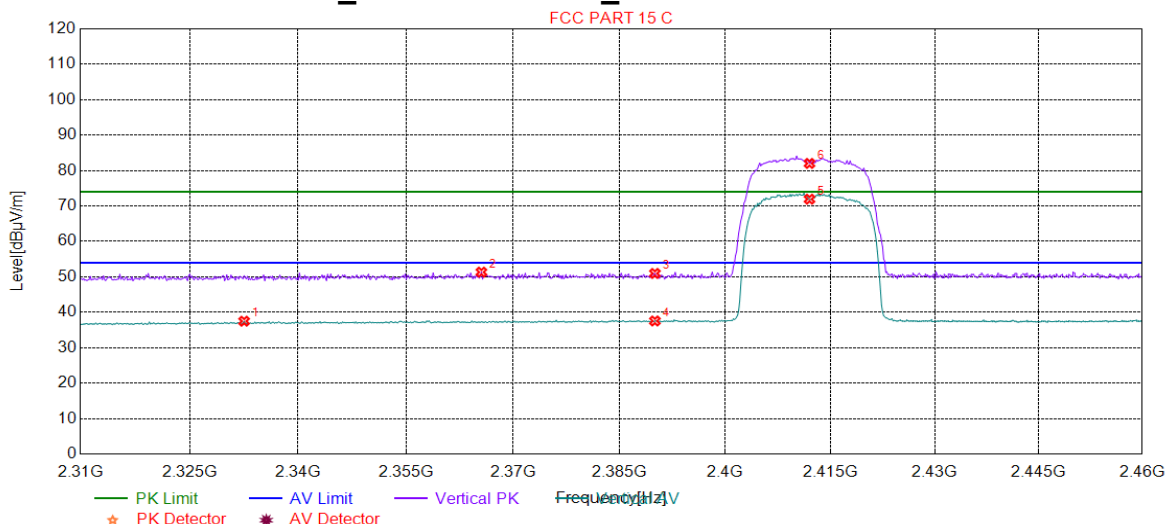
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4.10.1.9 802.11N20_Lowest Channel_Vertical

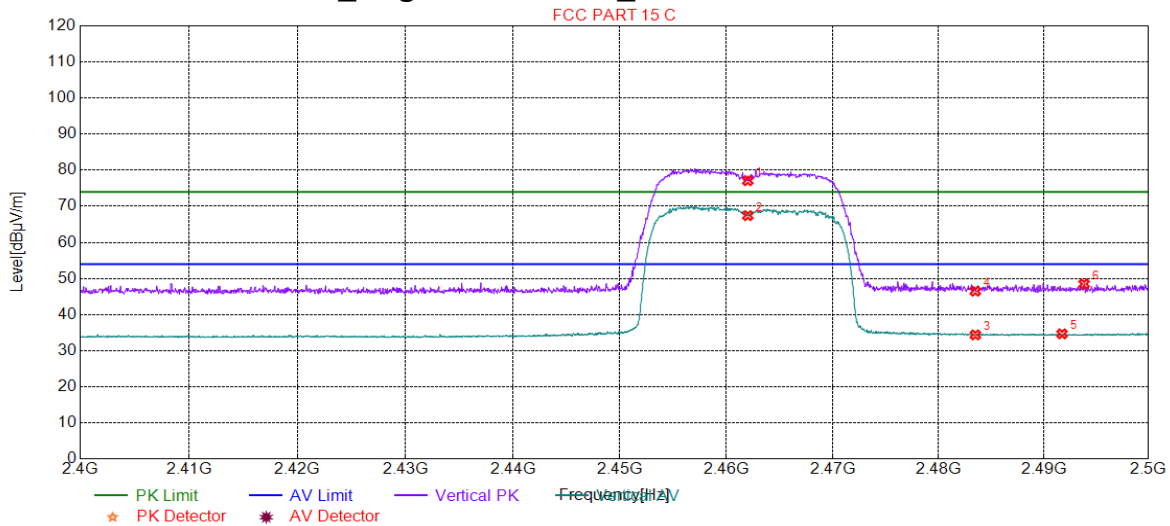


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2332.52	37.49	0.99	54.00	16.51	150	114	Vertical
2	2365.55	51.33	1.14	74.00	22.67	150	213	Vertical
3	2390.00	50.97	1.25	74.00	23.03	150	51	Vertical
4	2390.00	37.55	1.25	54.00	16.45	150	324	Vertical
5	2412.00	71.93	1.32	54.00	-17.93	150	166	Vertical
6	2412.00	82.02	1.32	74.00	-8.02	150	118	Vertical



4.10.1.10 802.11N20_Highest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	77.09	1.46	74.00	-3.09	150	175	Vertical
2	2462.00	67.42	1.46	54.00	-13.42	150	175	Vertical
3	2483.50	34.37	1.52	54.00	19.63	150	175	Vertical
4	2483.50	46.48	1.52	74.00	27.52	150	295	Vertical
5	2491.74	34.66	1.55	54.00	19.34	150	178	Vertical
6	2493.84	48.47	1.55	74.00	25.53	150	280	Vertical



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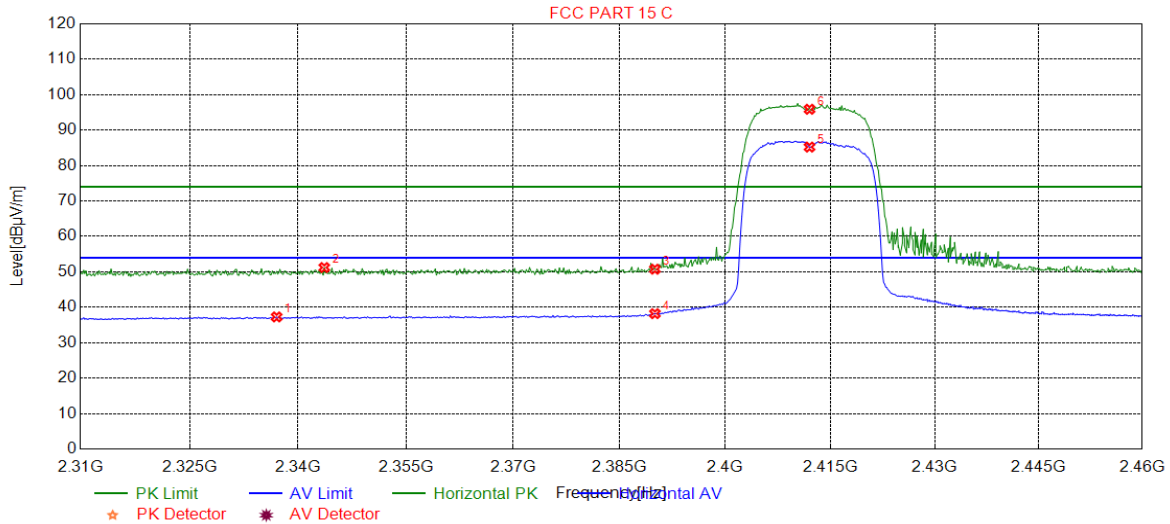
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4.10.1.11 802.11N20_Lowest Channel_Horizontal

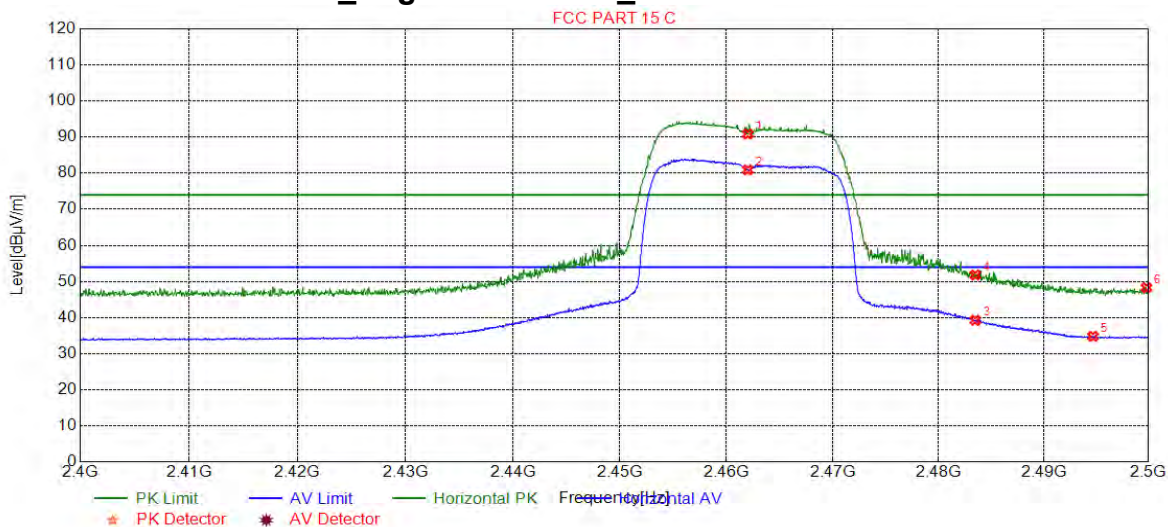


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2337.02	37.28	1.01	54.00	16.72	150	191	Horizontal
2	2343.63	51.22	1.04	74.00	22.78	150	84	Horizontal
3	2390.00	50.75	1.25	74.00	23.25	150	340	Horizontal
4	2390.00	38.21	1.25	54.00	15.79	150	48	Horizontal
5	2412.00	85.22	1.32	54.00	-31.22	150	48	Horizontal
6	2412.00	95.89	1.32	74.00	-21.89	150	54	Horizontal



4.10.1.12 802.11N20_Highest Channel_Horizontal



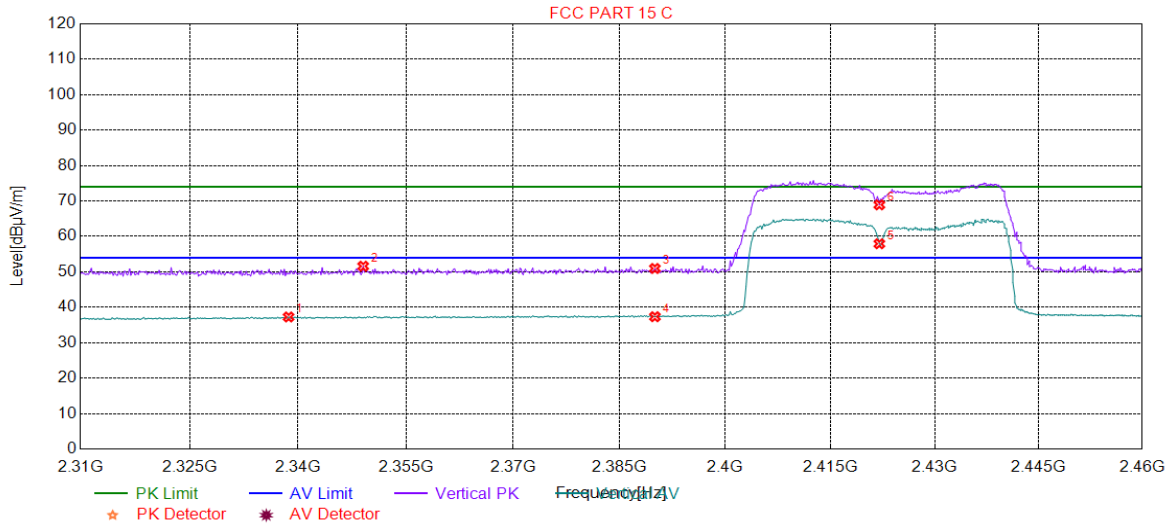
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	90.84	1.46	74.00	-16.84	150	45	Horizontal
2	2462.00	80.91	1.46	54.00	-26.91	150	52	Horizontal
3	2483.50	39.25	1.52	54.00	14.75	150	60	Horizontal
4	2483.50	51.80	1.52	74.00	22.20	150	60	Horizontal
5	2494.69	34.80	1.56	54.00	19.20	150	75	Horizontal
6	2499.79	48.28	1.57	74.00	25.72	150	158	Horizontal





4.10.1.13 802.11N40_Lowest Channel_Vertical



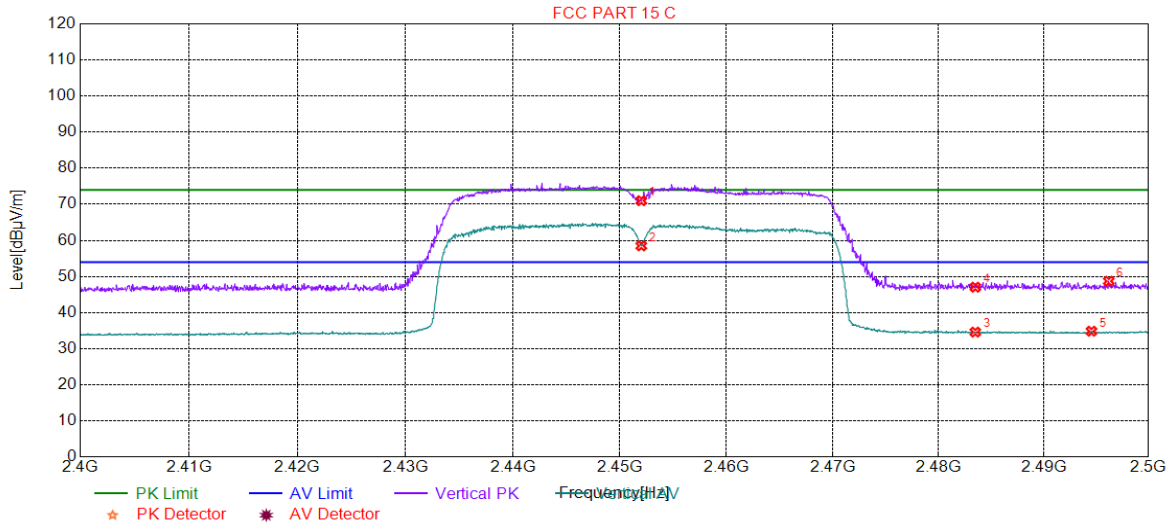
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2338.67	37.27	1.02	54.00	16.73	150	176	Vertical
2	2349.03	51.59	1.07	74.00	22.41	150	14	Vertical
3	2390.00	50.96	1.25	74.00	23.04	150	29	Vertical
4	2390.00	37.34	1.25	54.00	16.66	150	152	Vertical
5	2422.00	57.93	1.35	54.00	-3.93	150	146	Vertical
6	2422.00	68.92	1.35	74.00	5.08	150	146	Vertical





4.10.1.14 802.11N40_Highest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	71.01	1.44	74.00	2.99	150	153	Vertical
2	2452.00	58.49	1.44	54.00	-4.49	150	153	Vertical
3	2483.50	34.59	1.52	54.00	19.41	150	145	Vertical
4	2483.50	47.04	1.52	74.00	26.96	150	119	Vertical
5	2494.54	34.84	1.55	54.00	19.16	150	194	Vertical
6	2496.19	48.71	1.56	74.00	25.29	150	333	Vertical



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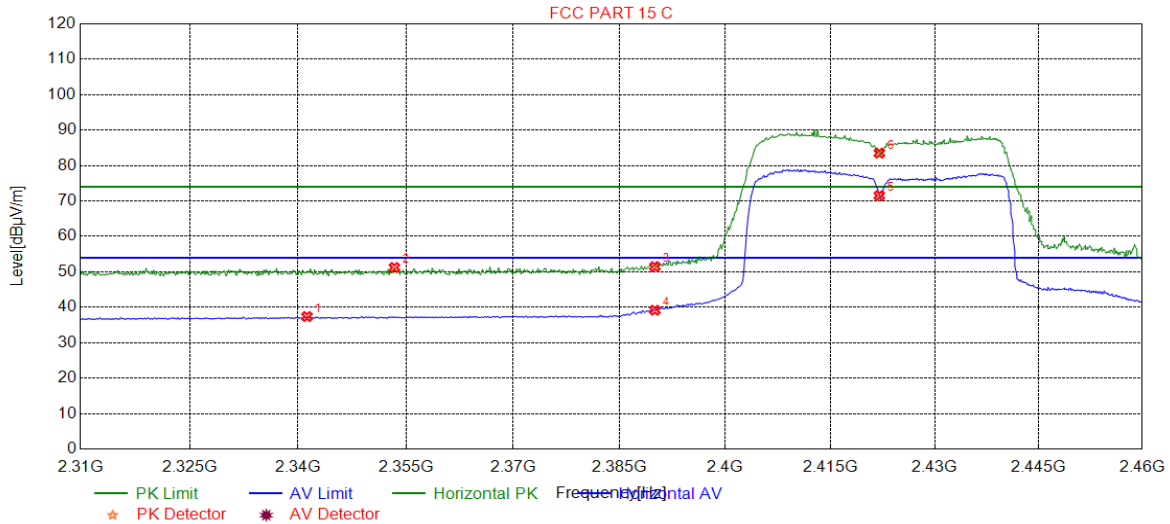
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4.10.1.15 802.11N40_Lowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2341.23	37.39	1.03	54.00	16.61	150	334	Horizontal
2	2353.39	51.23	1.08	74.00	22.77	150	264	Horizontal
3	2390.00	51.48	1.25	74.00	22.52	150	78	Horizontal
4	2390.00	39.18	1.25	54.00	14.82	150	38	Horizontal
5	2422.00	71.53	1.35	54.00	-17.53	150	50	Horizontal
6	2422.00	83.53	1.35	74.00	-9.53	150	59	Horizontal

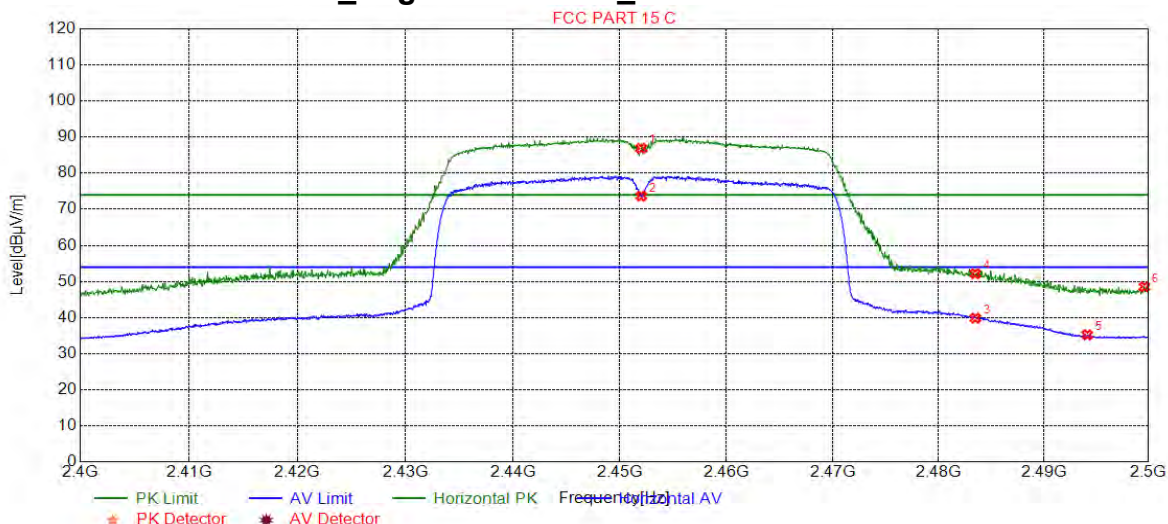


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4.10.1.16 802.11N40_Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	86.88	1.44	74.00	-12.88	150	51	Horizontal
2	2452.00	73.66	1.44	54.00	-19.66	150	51	Horizontal
3	2483.50	39.85	1.52	54.00	14.15	150	51	Horizontal
4	2483.50	52.18	1.52	74.00	21.82	150	58	Horizontal
5	2494.14	35.22	1.55	54.00	18.78	150	65	Horizontal
6	2499.59	48.54	1.57	74.00	25.46	150	324	Horizontal



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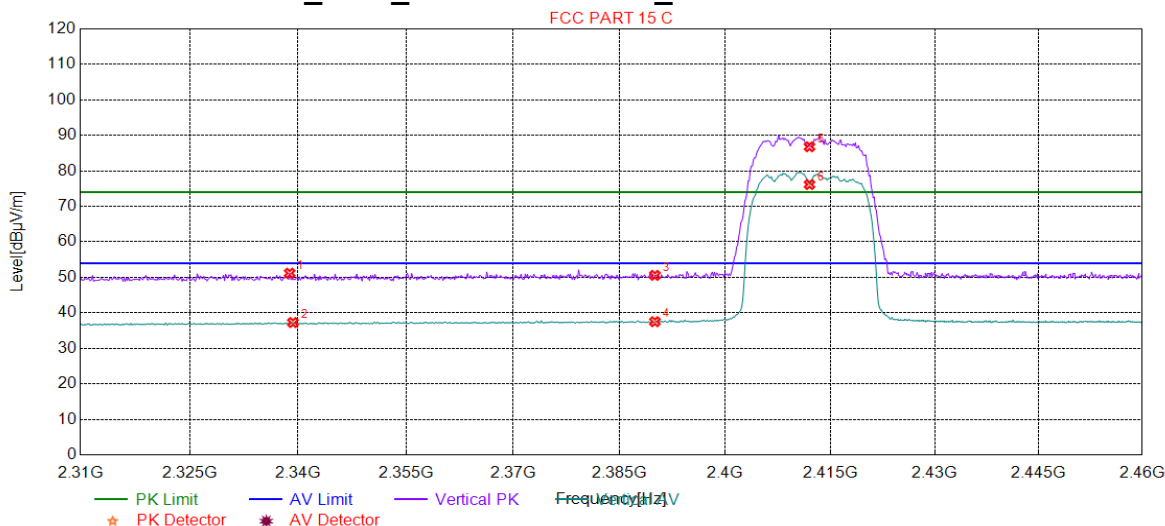
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4.10.1 CDD & MIMO

4.10.1.1 802.11G_CDD_Lowest Channel_Vertical

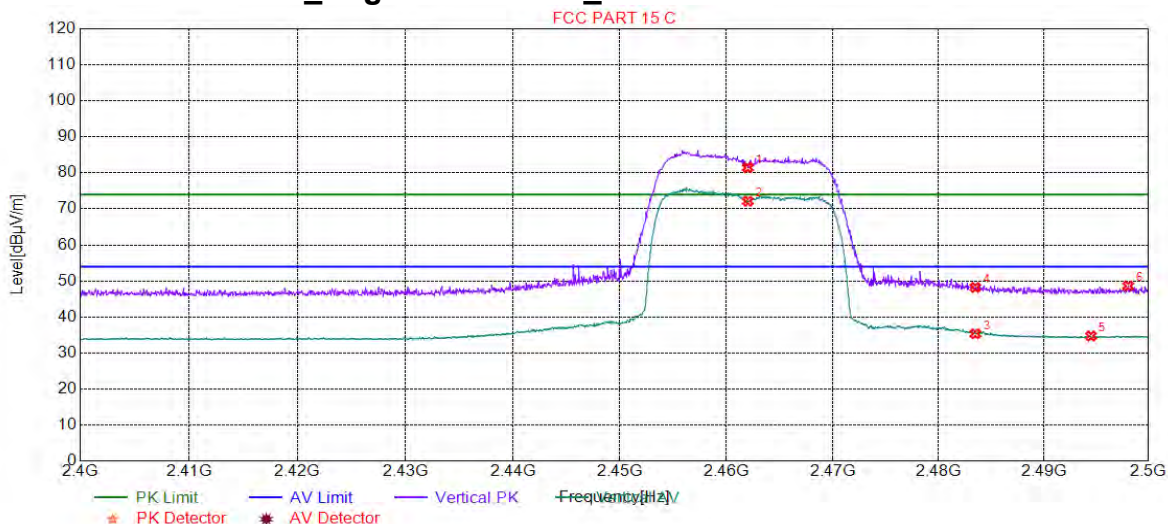


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2338.82	51.17	1.02	74.00	22.83	150	175	Vertical
2	2339.27	37.28	1.02	54.00	16.72	150	283	Vertical
3	2390.00	50.57	1.25	74.00	23.43	150	17	Vertical
4	2390.00	37.52	1.25	54.00	16.48	150	235	Vertical
5	2412.00	86.79	1.32	74.00	-12.79	150	14	Vertical
6	2412.00	76.15	1.32	54.00	-22.15	150	169	Vertical



4.10.1.2 802.11G_Highest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	81.45	1.46	74.00	-7.45	150	74	Vertical
2	2462.00	72.14	1.46	54.00	-18.14	150	74	Vertical
3	2483.50	35.34	1.52	54.00	18.66	150	17	Vertical
4	2483.50	48.20	1.52	74.00	25.80	150	41	Vertical
5	2494.49	34.73	1.55	54.00	19.27	150	279	Vertical
6	2498.04	48.61	1.56	74.00	25.39	150	67	Vertical

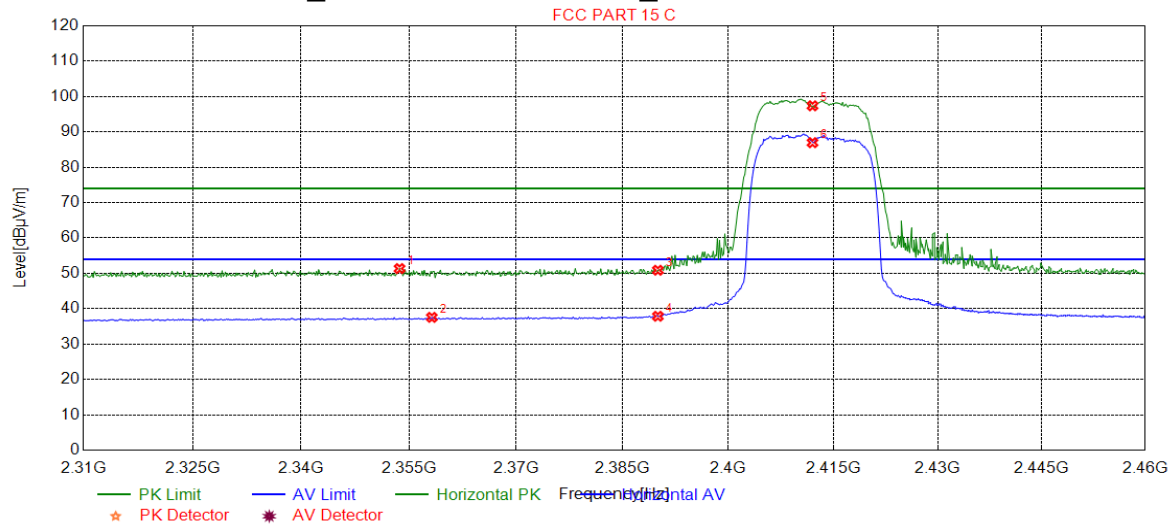


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4.10.1.3 802.11G_CDDLowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2353.69	51.35	1.09	74.00	22.65	150	193	Horizontal
2	2358.19	37.56	1.11	54.00	16.44	150	236	Horizontal
3	2390.00	50.88	1.25	74.00	23.12	150	55	Horizontal
4	2390.00	37.87	1.25	54.00	16.13	150	200	Horizontal
5	2412.00	97.38	1.32	74.00	-23.38	150	76	Horizontal
6	2412.00	86.95	1.32	54.00	-32.95	150	58	Horizontal



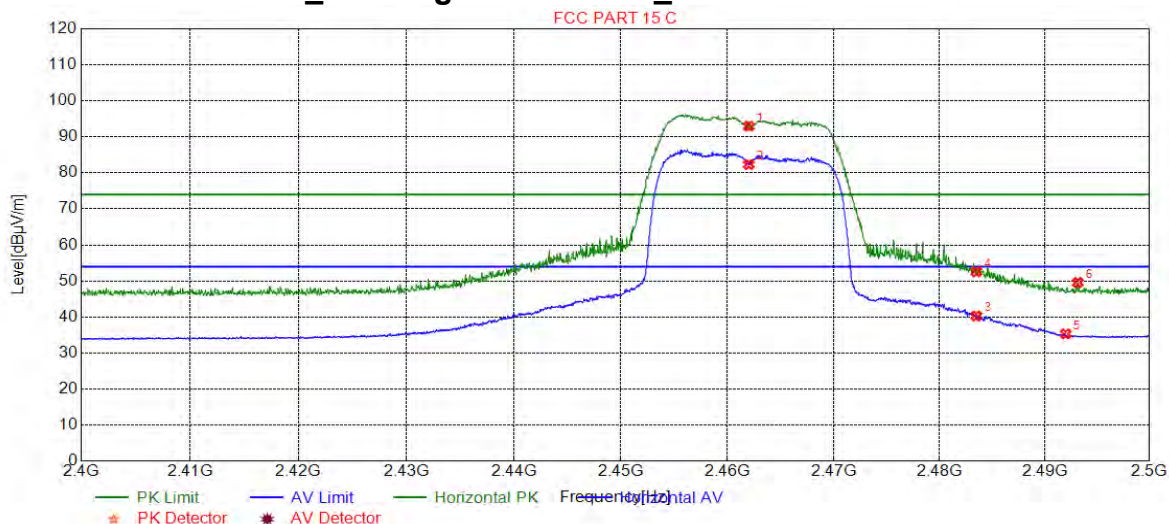
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4.10.1.4 802.11G_CDD Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	92.95	1.46	74.00	-18.95	150	61	Horizontal
2	2462.00	82.33	1.46	54.00	-28.33	150	65	Horizontal
3	2483.50	40.28	1.52	54.00	13.72	150	102	Horizontal
4	2483.50	52.53	1.52	74.00	21.47	150	65	Horizontal
5	2491.99	35.32	1.55	54.00	18.68	150	61	Horizontal
6	2493.14	49.57	1.55	74.00	24.43	150	31	Horizontal



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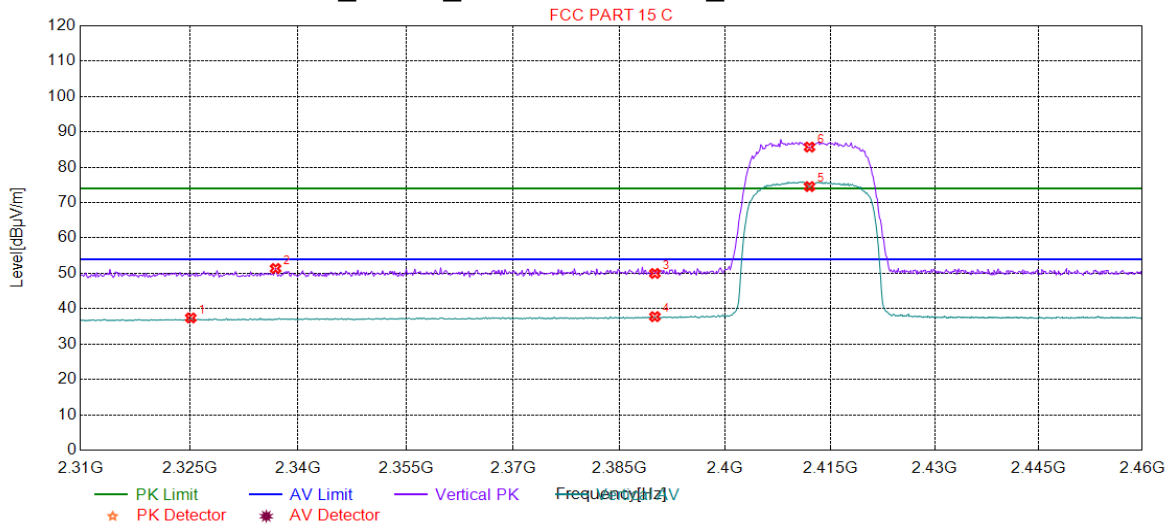
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4.10.1.5 802.11N20_MIMO_Lowest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2325.16	37.40	0.96	54.00	16.60	150	52	Vertical
2	2336.87	51.37	1.01	74.00	22.63	150	334	Vertical
3	2390.00	49.98	1.25	74.00	24.02	150	196	Vertical
4	2390.00	37.76	1.25	54.00	16.24	150	115	Vertical
5	2412.00	74.54	1.32	54.00	-20.54	150	115	Vertical
6	2412.00	85.71	1.32	74.00	-11.71	150	26	Vertical



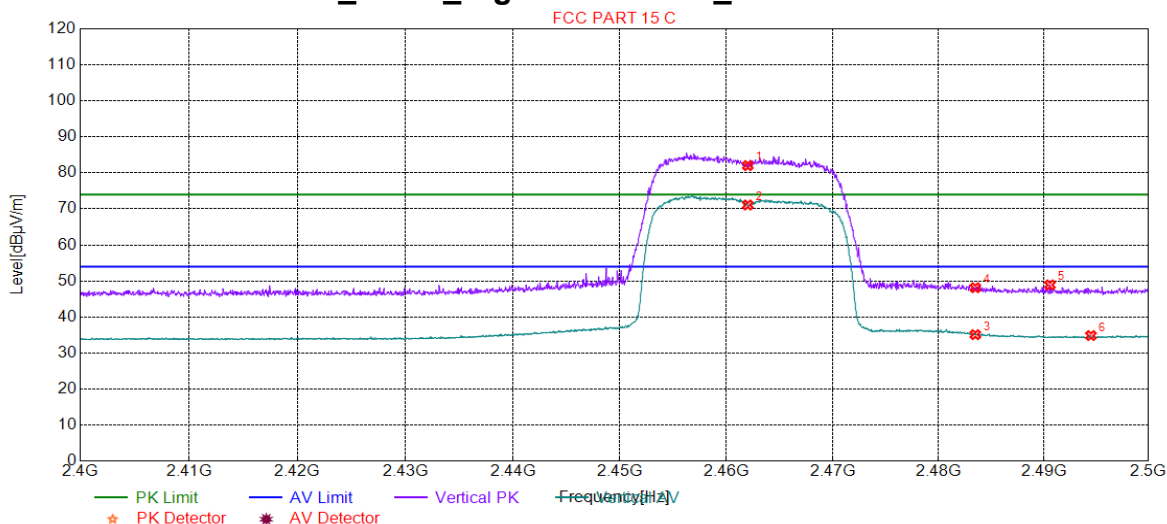
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4.10.1.6 802.11N20_MIMO_Highest Channel_Vertical



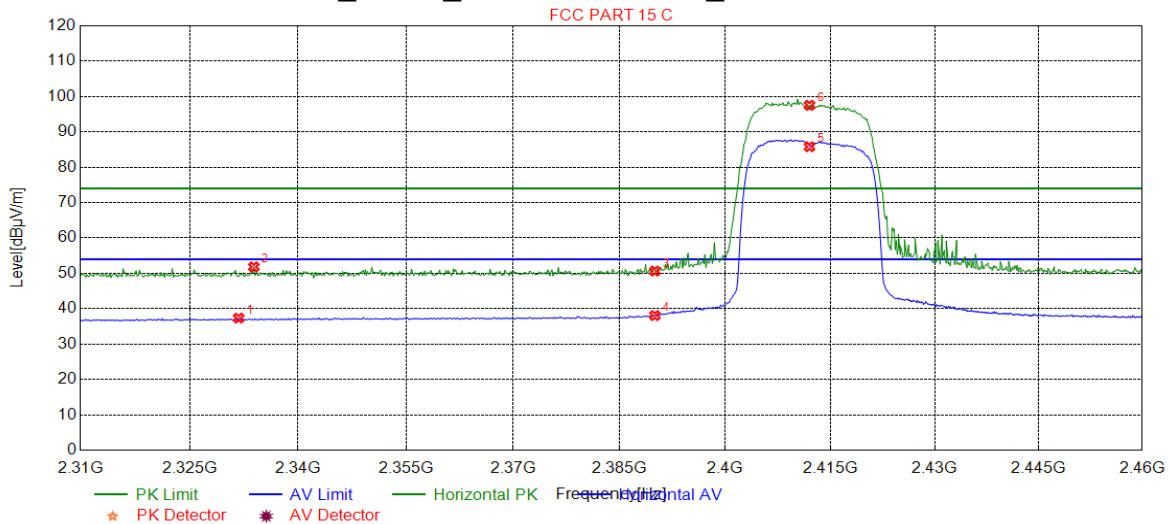
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	82.02	1.46	74.00	-8.02	150	118	Vertical
2	2462.00	71.09	1.46	54.00	-17.09	150	122	Vertical
3	2483.50	35.10	1.52	54.00	18.90	150	130	Vertical
4	2483.50	48.13	1.52	74.00	25.87	150	360	Vertical
5	2490.59	48.90	1.54	74.00	25.10	150	118	Vertical
6	2494.49	34.84	1.55	54.00	19.16	150	197	Vertical





4.10.1.7 802.11N20_MIMO_Lowest Channel_Horizontal

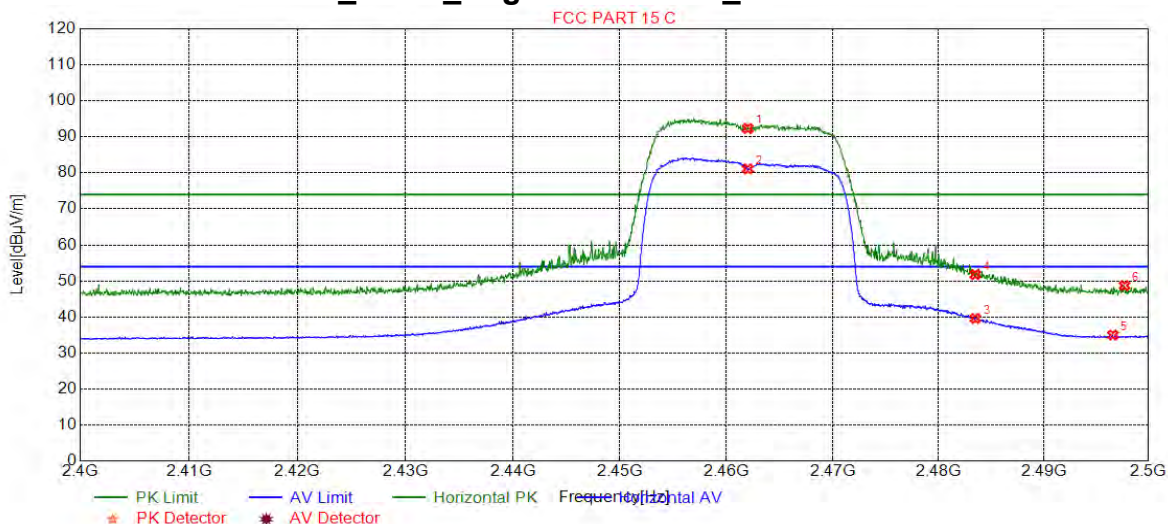


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2331.77	37.34	0.99	54.00	16.66	150	187	Horizontal
2	2333.87	51.83	1.00	74.00	22.17	150	92	Horizontal
3	2390.00	50.65	1.25	74.00	23.35	150	338	Horizontal
4	2390.00	38.07	1.25	54.00	15.93	150	169	Horizontal
5	2412.00	85.81	1.32	54.00	-31.81	150	50	Horizontal
6	2412.00	97.52	1.32	74.00	-23.52	150	50	Horizontal



4.10.1.8 802.11N20_MIMO_Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	92.32	1.46	74.00	-18.32	150	44	Horizontal
2	2462.00	81.10	1.46	54.00	-27.10	150	41	Horizontal
3	2483.50	39.58	1.52	54.00	14.42	150	33	Horizontal
4	2483.50	51.77	1.52	74.00	22.23	150	145	Horizontal
5	2496.59	35.00	1.56	54.00	19.00	150	160	Horizontal
6	2497.69	48.71	1.56	74.00	25.29	150	339	Horizontal



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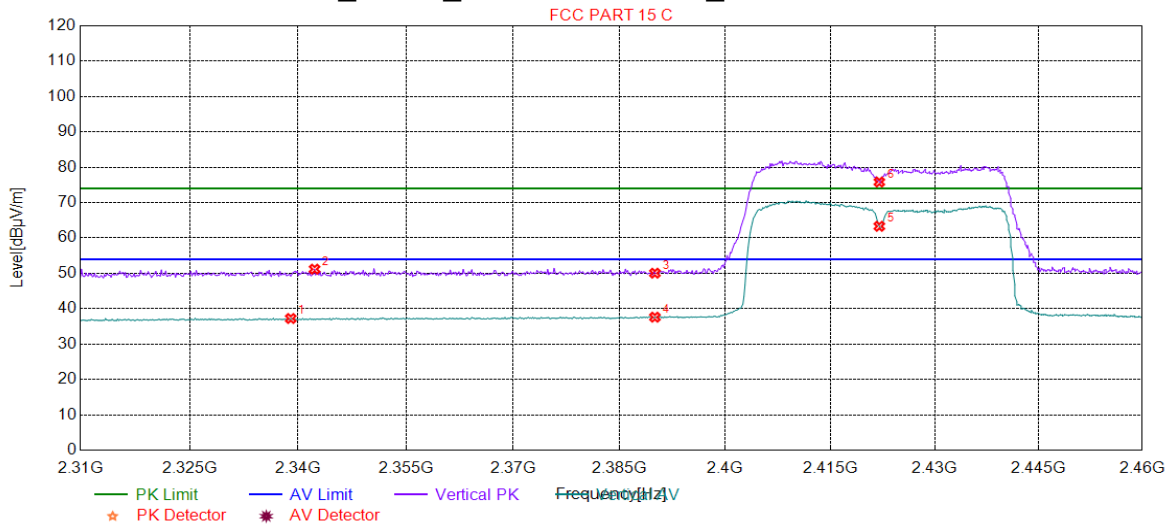
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4.10.1.9 802.11N40_MIMO_Lowest Channel_Vertical

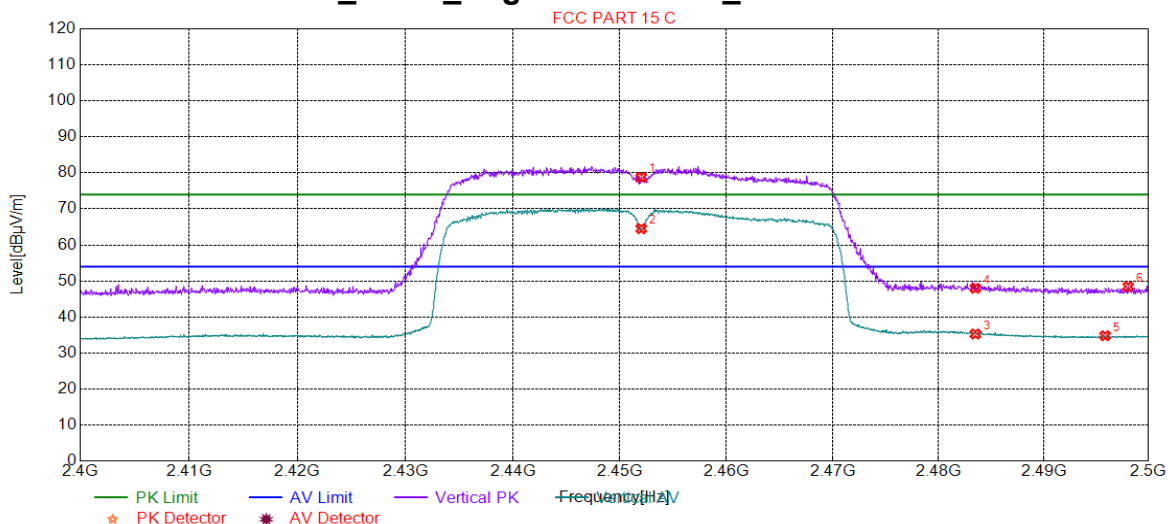


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2338.97	37.24	1.02	54.00	16.76	150	292	Vertical
2	2342.28	51.19	1.04	74.00	22.81	150	14	Vertical
3	2390.00	50.05	1.25	74.00	23.95	150	134	Vertical
4	2390.00	37.61	1.25	54.00	16.39	150	328	Vertical
5	2422.00	63.31	1.35	54.00	-9.31	150	132	Vertical
6	2422.00	75.82	1.35	74.00	-1.82	150	128	Vertical



4.10.1.10 802.11N40_MIMO_Highest Channel_Vertical



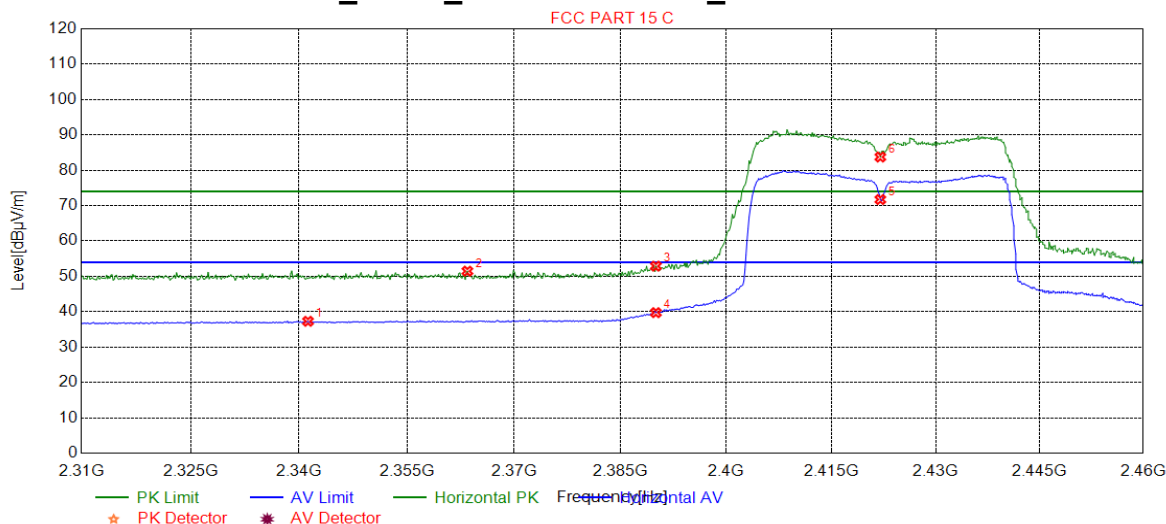
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	78.79	1.44	74.00	-4.79	150	112	Vertical
2	2452.00	64.53	1.44	54.00	-10.53	150	112	Vertical
3	2483.50	35.29	1.52	54.00	18.71	150	162	Vertical
4	2483.50	47.98	1.52	74.00	26.02	150	40	Vertical
5	2495.84	34.79	1.56	54.00	19.21	150	234	Vertical
6	2498.04	48.43	1.56	74.00	25.57	150	348	Vertical





4.10.1.11 802.11N40_MIMO_Lowest Channel_Horizontal

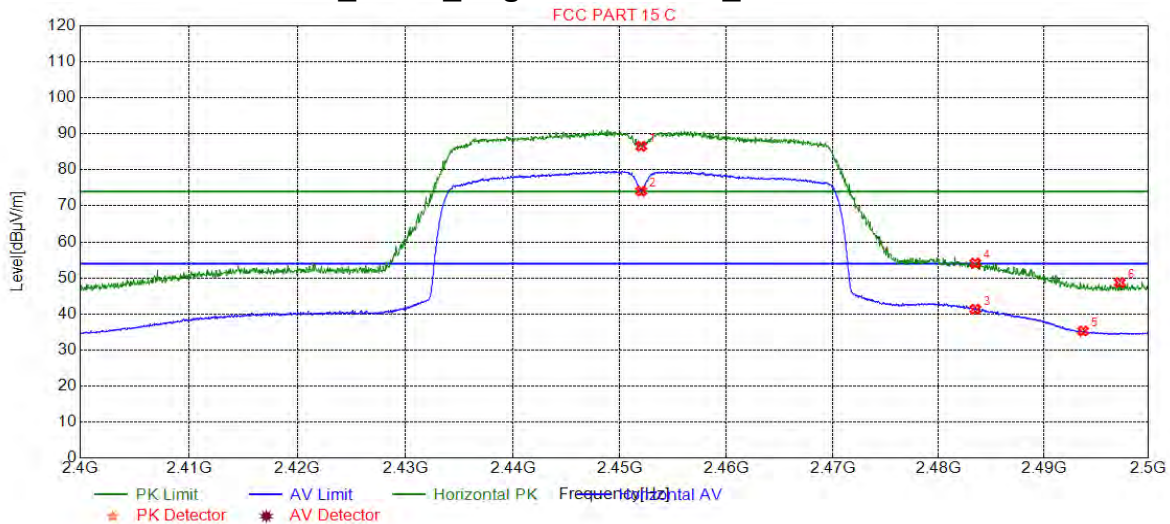


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2341.23	37.30	1.03	54.00	16.70	150	346	Horizontal
2	2363.45	51.47	1.13	74.00	22.53	150	289	Horizontal
3	2390.00	52.89	1.25	74.00	21.11	150	35	Horizontal
4	2390.00	39.74	1.25	54.00	14.26	150	23	Horizontal
5	2422.00	71.72	1.35	54.00	-17.72	150	29	Horizontal
6	2422.00	83.74	1.35	74.00	-9.74	150	26	Horizontal



4.10.1.12 802.11N40_MIMO_Highest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	86.54	1.44	74.00	-12.54	150	24	Horizontal
2	2452.00	74.10	1.44	54.00	-20.10	150	59	Horizontal
3	2483.50	41.31	1.52	54.00	12.69	150	48	Horizontal
4	2483.50	54.12	1.52	74.00	19.88	150	51	Horizontal
5	2493.74	35.28	1.55	54.00	18.72	150	97	Horizontal
6	2497.24	48.73	1.56	74.00	25.27	150	335	Horizontal

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

All Modes have been tested, but only the worst case data displayed in this report.





5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	$\pm 0.75\text{dB}$
2	RF power density, conducted	$\pm 2.84\text{dB}$
3	Spurious emissions, conducted	$\pm 0.75\text{dB}$
4	Radiated Spurious emission test	$\pm 4.5\text{dB}$ (30MHz-1GHz)
		$\pm 4.8\text{dB}$ (1GHz-25GHz)
5	Conduct emission test	$\pm 3.12\text{ dB}$ (9KHz- 30MHz)
6	Temperature test	$\pm 1^{\circ}\text{C}$
7	Humidity test	$\pm 3\%$
8	DC and low frequency voltages	$\pm 0.5\%$



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6 Equipment List

Conducted Emission					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017/5/10	2020/5/9
LISN	Rohde & Schwarz	ENV216	SEM007-01	2018/9/2	2019/9/2
LISN	ETS-LINDGREN	Feb-16	SEM007-02	2019/3/2	2020/3/1
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2018/7/12	2019/7/11
2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	EMC0122	2019/2/11	2020/2/10
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2019/3/2	2020/3/1
RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
DC Power Supply	Agilent Technologies Inc	66311B	W009-09	2018/9/15	2019/9/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2019/1/13	2020/1/12
Coaxial Cable	SGS	N/A	SEM031-01	2018/7/13	2019/7/12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/9/2	2019/9/2
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/27	2019/11/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2018/9/2	2019/9/2
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2017/8/5	2020/8/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2018/7/12	2019/7/11
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2018/9/2	2019/9/2
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2017/6/27	2020/6/26
Pre-amplifier (0.1-1.3GHz)	Agilent Technologies	8447D	SEM005-01	2019/3/2	2020/3/1
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Measurement Software	AUDIX	e3V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2018/7/12	2019/7/11
EXA Signal Analyzer (10Hz-26.5GHz)	Agilent Technologies Inc	N9010A	SEM004-09	2019/4/12	2020/4/11
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (0.8-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12
Pre-amplifier(0.1-1.3GHz)	HP	8447D	SEM005-02	2018/9/2	2019/9/2
Low Noise Amplifier(100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2018/9/27	2019/9/27
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2019/3/2	2020/3/1
Band filter	N/A	N/A	SEM023-01	N/A	N/A



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RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2018/3/31	2021/3/30
EMI Test Receiver (9k-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2019/3/2	2020/3/1
Trilog-Broadband Antenna(25M-2GHz)	Schwarzbeck	VULB9168	SEM003-18	2016/6/29	2019/6/28
Pre-amplifier (9k-1GHz)	Sonoma	310N	SEM005-03	2019/4/12	2020/4/11
Loop Antenna (9kHz-30MHz)	ETS-Lindgren	6502	SEM003-08	2017/8/22	2020/8/21
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2018/7/12	2019/7/11

7 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for HR/2019/30012

The End

